

AC Supply

Serving Groups and Organizations For Over 35 Years

Science & Technology Discount Catalog

We Make Learning Fun!

2013

WWW.ACSUPPLYCO.COM

NEW FOR 2013



Estes Altimeter (Only \$20.99) Due April
Visit www.acsupplyco.com for details



pg 41



Snap Circuits XP pg. 38
Intro to Microcontrollers



STEM Computer Control
Sets pg. 45

*All Estes
at Least 40% off!*
Check our website for periodical sales!
www.acsupplyco.com

AC SUPPLY Co.

1746 Winding Glen Dr.
P.O. Box 1523
St. Charles, MO. 63302
Ph 800 842 7859
ph 800 536 0238
fax 800 466 4354
www.acsupplyco.com

Thank you for requesting the new AC Supply catalog. We specialize in supplying consumable products at low everyday prices. Our goal is to make your students projects a success at the very lowest of costs!

Have questions, give our knowledgeable staff a call! We also ship most orders 24 - 48 hours after receipt.

TABLE OF CONTENTS

Estes Rockets	3 - 13	Estes Order Form	Center	Sia Abrasives, Discs & Belts	54 - 55
Engineering and Bridge Building	14	Kite Projects	35	Adhesives / Paint	56 - 57
Tower / House Framing Kits	15	Elenco SNAP CIRCUITS	36 - 38	Midwest Wood	58 - 60
R & D (Co ₂ Dragsters) / Pinecar	16 - 18	OWI Robots	39	Carbon Fiber and Tools	61
Aerospace and Flight Simulation	19 - 22	Solar & Electronics Kits	40	Scenery	62
Guillow Model Airplanes	23 - 27	HORIZON Fuel Cell Technologies	41	Woodland Scenics Scene-A-rama	63
Custom Gliders & AeroLab	28 - 29	Thames & Kosmos Science	42	Dremel	64 - 65
Radio Control	30 - 31	Thames & Kosmos Alternative Energy ..	43	Paasche Airbrushes	66
Activity Kits (motion)	32	Doc Fizzix / Problem Solving	44 - 45	Index	67
Plastic Models	33	K'NEX	46 - 51	Micro-controllers	Back Cover
Transportation	34	Bandsaw Blades	52 - 53		

TERMS AND POLICIES**ORDERING INFORMATION:**

Orders may be placed by Fax, Internet, Mail or by Phone. Look for order forms in the center of this catalog.

Purchase Orders:

Purchase orders are accepted and will be charged shipping. Please estimate 10% of the total order for shipping with a minimum of \$11.99.

We will only charge the actual shipping!

To ORDER BY FAX:

Call **1-800-466-4354**

ORDER ON THE INTERNET:

Through our secure socket server at
www.acsupplyco.com

To ORDER BY MAIL:

Send your order with a check, money order, mastercard #, visa # or purchase order to :

AC Supply

P.O. Box 1523

St. Charles, MO. 63302

To ORDER BY PHONE:

Call toll free **1-800-842-7859** or **1-800-536-0238**
(Have your credit card# or purchase order# ready)

Note: Prices subject to change without notice.
All items are shipped at current prices.

Visit our secure website daily
www.acsupplyco.com

SHIPPING INFORMATION:

All orders are shipped within 24 hours whenever possible! We ship via (UPS) United Parcel Service unless order has rocket engines. If the order has rocket engines see the hazardous material shipping below.

HAZARDOUS MATERIALS SHIPPING FOR ROCKET ENGINES AND IGNITORS!

Rocket Engines and ignitors are considered hazardous materials. These are required to go by ground hazardous material shipping (hazmat). Up through "D" engines and ignitors can be shipped via USPS parcel post (4 - 15 day delivery) at no extra surcharge, or by UPS hazmat (2 - 5 day) which require a 27.50 UPS hazmat surcharge. This is a charge that UPS imposes on us and has to be passed along. Even if you qualify for free shipping and pick UPS hazmat shipping, You are responsible for the 27.50 charge! "E" engines and larger are required to go via UPS hazmat only and require the 27.50 charge per shipment. This is a per shipment charge, not a per engine charge!

SHIPPING CHARGES:

Please note any UPS hazardous material surcharge is above and beyond any free shipping or shipping charge.

****Free shipping available.** See below for details

Shipping charges are prepaid and added to your invoice.

For Purchase orders we ask that you estimate 10% with a minimum of \$11.99. We will only charge the actual freight, but this will keep us from having to contact you and slowing turn-around.

Next Day Air and 2nd Day Air are available at actual cost, call for rates!

Free shipping does not apply!

All items have a shipping charge unless prepaid and over \$100.00 cost.

If order is under \$100.00 then shipping is \$11.99.

Purchase orders are not considered prepaid!

****FREE SHIPPING :** Free shipping applies* if order is **prepaid** and over \$100.00 .
(This can be done with check, money order or credit card.)

Note: Purchase orders are not considered PREPAID

Please note any UPS hazardous material surcharge is above and beyond any free shipping and is always the customers responsibility!

*Free shipping does not apply to Alaska and Hawaii or International orders.
(We accept Mastercard and Visa)

\$30.00 Charge on all returned checks

Satisfaction Guaranteed or your money back!

If we can't make it RIGHT, we will gladly refund your money.

ALL ESTES AT 40% OFF

These discounts only apply to ESTES items (except Tech Rocket)!

Estes is sold at 40% off of MSRP (Manufacturers Suggested Retail Price) as listed on your "AC Estes" order form (center of catalog). Prices shown on the next 9 pages

Just Getting Started in Rocketry?

Here's what you need:

A launch pad, launch controller, rocket, motors, ignitors, recovery wadding and 4 AA batteries. To get this at the best value, purchase a Launch set! It includes everything listed above except AA batteries, engines, ignitors and wadding. (See page 11 for launch sets, See pg. 40 for batteries). To support rockets in education, Estes has created an extensive DVD curriculum called Rocket Labs. See below for details.

A NEW WAY TO TEACH MODEL ROCKETRY *ESTES ROCKET LABS DVD CURRICULUM*



If you teach

- Science
- Technology
- Mathematics
- Social Studies
- Language Arts

This DVD Curriculum is for YOU!

FROM ESTES – THE EASIEST WAY TO MAKE LEARNING FUN!

NO TIME TO PLAN AND IMPLEMENT MEANINGFUL, HANDS-ON ACTIVITIES? NO WORRIES, ESTES HAS DONE ALL THE WORK FOR YOU!

The Estes Rocket Labs™ DVD includes: FIVE subject areas with 45 Lesson Plans for one, two or three class sessions. Each lesson addresses specific NATIONAL LEARNING STANDARDS. The DVD contains all support materials including Lesson Plans, Resource Materials, PowerPoints, Teacher and Youth Group Leader Guide and Ignite the Imagination™ Video. ESTES ROCKET LABS ARE AS EASY AS 1... 2 ... 3...

STEP 1 – LEARN: Pick the subject area and class time – one, two or three sessions. Complete ready-to-teach lessons in five subject areas: Language Arts, Mathematics, Science, Social Studies and Technology.

STEP 2 – BUILD: All lesson plans help you choose the right rockets for your students.

AC Supply has Estes rockets and engines in stock.

STEP 3 – LAUNCH: Take your students out to launch their rockets.

Theory becomes reality when your students launch their own Estes rocket!

ESTES ROCKET LABS™ -- IN STOCK Now MSRP+ 9.99

Est2855 40%..... \$6.00

EXAMPLES OF ROCKET AND ENGINE PRICES!

PRICES SHOWN ARE FOR ROCKETS PURCHASED IN THE 12 PC BULK PACK. EACH ROCKET IS INDIVIDUALLY PACKAGED!

Just
\$5.45
per rocket



**MODULE
CONSUMABLE**

ALPHA

"BETA - SKILL LEVEL 1"

After over three decades, the Alpha is still the perfect first or second rocket. Millions have been made and flown. A very reliable performer that use a wide variety of engines! Parachute recovery.

Length 12.25"

Engines: A8-3 (first flight), 1/2A6-2, B4-4, B6-4, B6-6, C6-5, C6-7

MSRP \$108.99+

Est1756 12 pc bulk pack 40% **\$65.39**

Just
\$3.82
per rocket



**MODULE
CONSUMABLE**

WIZARD

"BETA - SKILL LEVEL 1"

Streamer recovery - high flyer - balsa fins - fun rocket

Length 12.0" Engines: A8-3 (first flight), 1/2A6-2, B4-4,

B6-4, B6-6, C6-5, C6-7,

MSRP \$76.29+

Est1754 12 pc bulk pack 40%..... **\$45.77**

ESTES ENGINE BULK PACKS

HAZMAT SHIPPING REQUIRED SEE PG 2 FOR DETAILS.

Each pack contains 24 engines, 30 ignitors, and 75 sheets wadding.

ESTES ENGINE PRICES

HAZMAT SHIPPING REQUIRED SEE PG 2 FOR DETAILS.

Individual packs of 3 or 4.

See page 10 for complete listing of individual engines

Size, qty	Example	MSRP	40% price
"All "T" 4 Pks"	1/2A3-2T (1503)	\$10.29 pk	\$6.17 pk
"All "A" 3 Pks"	A8-3 (1598)	\$10.29 pk	\$6.17 pk
"All "B" 3 Pks"	B6-4 (1606)	\$10.79 pk	\$6.47 pk
"Std "C" 3 Pks"	C6-5 (1614)	\$11.79 pk	\$7.07 pk
"Fat "C" 3 Pks"	C11-3 (1622)	\$11.79 pk	\$7.07 pk
"All "D" 3 Pks"	D12-5 (1667)	\$17.49 pk	\$10.49 pk
"All "E" 3 Pks"	E9-8 (1675)	\$23.99 pk	\$14.39 pk

Stock #	Description	MSRP	40% price
1781	24 - A8-3	\$71.99 pk	\$43.19 pk
1783	24 - B6-4	\$72.99 pk	\$43.79 pk
1784	12ea B6-0, B6-6	\$80.59 pk	\$48.35 pk
1788	24 - 1/2A3-4T	\$57.79 pk	\$34.67 pk
1789	24 - C6-5	\$84.99 pk	\$50.99 pk
1672 Best Value!	6ea A8-3, B6-4 C6-3, C6-5	\$69.99 pk	\$41.99 pk



"E2X" Series - Skill level 0 - Grades 4 and up - 1 to 2 hour build time - colored plastic fins and nose cone - No painting required!
 "Beta Series" - Skill level 1 - Grades 5 and up - 2 to 3 hour build time - Die cut balsa fins and plastic nose cone - painting required!
 "Explorer Series" - Skill level 2 - Grades 6 and up - 3 to 4 hour build time - Balsa fins and nose cone - Painting required!

BULK ROCKETS

BUY IN BULK AND SAVE! All rockets come 12 or 24 to a box and are individually packaged!

***** Engines required but not included! Recommended sizes shown. Engines available on pg 3 and 10! *****

www.acsupplyco.com

Just
\$3.28
per rocket



Skill Level 0

UP AEROSPACE SPACELOFT "E2X"

The first one to use smaller engines Streamer recovery with plastic fins and nose cone - Great for smaller flying fields!

Length 12" Diameter .544"

Max altitude: 1000 ft

Engines: 1/2A3-2T (first flight), 1/2A3-4T, A3-4T, A10-3T

12 pack MSRP \$65.49+

EST1793 40%.... **\$39.29**

Just
\$3.10
per rocket



24 pieces per pack

Skill Level 0

GNOME (24 PK)

Length: 10.3" Max alt: 800ft

Wt: 0.4oz. Fins: 1 pc plastic

1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T

Recovery: Streamer

24 pack MSRP \$123.98+

1750 40%.....**\$74.39**

New

Available
Now



Just
\$6.00
per rocket



Skill Level 0

ALPHA III "E2X"

One of the oldest, most reliable, easiest-to-build rockets. Has a dynamic decorative glossy black body tube, fluorescent orange plastic nose cone and fin unit. Parachute recovery.

Length 12.25"

Max altitude: 1100 ft

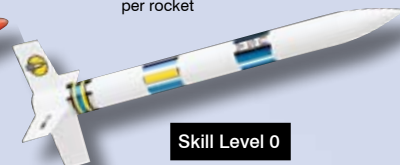
Engines: A8-3 (first flight),

1/2A6-2, B4-4, B6-4, B6-6, C6-5, C6-7

12 pack MSRP \$119.99+

EST1751 40%.... **\$71.99**

Just
\$5.45
per rocket



Skill Level 0

GENERIC "E2X"

All white decor with no preconceived color scheme to follow, allowing each student to create their own. This pack comes with 12 sheets of self adhesive decals. (2 styles, 6 each decal).

Parachute recovery.

Length 15"

Max altitude: 900 ft

Engines: 1/2A6-2, A8-3 (first flight),

A8-5, B6-4, B6-6, C6-5, C6-7

12 pack MSRP \$108.99+

EST1764 40%.... **\$65.39**

Just
\$7.00
per rocket

Skill Level 0



New
Available
Now

Just
\$6.50
per rocket



Skill Level 0

Just
\$4.50
per rocket

Skill Level 0



24 pieces per pack

FIRESTREAK SST "E2X"

"Snap Together"

Used in all rocket lab one class sessions! Comes with **FREE Rocket Labs curriculum DVD!**

This is the first ever snap together rocket. No painting or gluing in this engineering marvel. Each snap together part holds the previous assembly in place. Very unique design.

Length 10.2" Diameter .885"

Max altitude: 350 ft

Engines: 1/2A3-2T, A3-4T (first flight), A10-3T

24 pack MSRP \$179.99+

EST1792 40%.. **\$107.99**

Just
\$5.45
per rocket



Skill Level 1

ALPHA "Beta"

After over three decades, the Alpha is still the perfect first or second rocket. Millions have been made and flown - a very reliable performer that uses use a wide variety of engines! Parachute recovery.

Length 12.25"

Max altitude: 1200 ft

Engines: A8-3 (first flight), 1/2A6-2,

B4-4, B6-4, B6-6, C6-5, C6-7

12 pack MSRP \$108.99+

EST1756 40%.... **\$65.39**

New

Available
Now

Just
\$4.29
per rocket

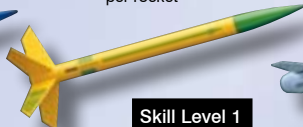


Just
\$3.82
per rocket



Skill Level 1

Just
\$3.28
per rocket

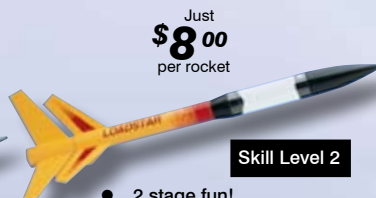


Skill Level 1

Just
\$7.00
per rocket



Skill Level 2



Skill Level 2

- 2 stage fun!
- Clear payload section

LOADSTAR II "Explorer"

Advanced two-stage payload. Huge clear plastic payload section. Rocket can be flown single or two stage for performance experiments. Parachute recovery.

Length: 24.5" Max altitude: 1000 ft

Engines:

Single stage flight:

A8-3, B4-4 (first flight), B6-4, C6-5

Multi stage Flights:

First stage: B6-0 (first flight), C6-0;
Second stage: A8-3 (first flight), B6-6, C6-7

12 pack MSRP \$159.99+

EST1760 40%.... **\$95.99**

AVG BULK PK

4 of each model

ALPHA - SKILL 1

VIKING - SKILL 1

GENERIC SKILL 0

SEE EACH ROCKET

FOR SPECS

A8-3, B6-4, C6-5

MSRP \$85.99+

EST1753 40%.... **\$51.59**

WIZARD "Beta"

Streamer recovery - High flyer Balsa fins - Fun rocket.

Length 12.0"

Max altitude: 1500 ft

Engines: A8-3 (first flight),

1/2A6-2, A8-5, B4-4, B6-4,

B6-6, C6-5, C6-7,

12pack MSRP \$76.29+

EST1754 40%.... **\$45.77**

VIKING "Beta"

Easy to build - Can be built with 3 different fin arrangements

Streamer recovery

Length 12.125"

Max altitude: 1470 ft

Engines A8-3 (first flight), A8-5,

B4-4, B6-4, C6-5, C6-7

12 pack MSRP \$65.49 +

EST1755 40%..... **\$39.29**

BULL PUP 12D

Length: 15.6"

Max alt: 675ft

Wt: 1.8 oz.

Fins: Die Cut Balsa

A8-3, B4-4, B6-4, C6-5

Recovery: 12" Parachute

12 pack MSRP \$139.99+

EST1767 40%..... **\$83.99**

SEE PAGE 3 FOR ENGINE BULK PACKS!



"E2X" SERIES - SKILL LEVEL 0

40% DISCOUNT

All Estes is sold at 40% off of MSRP

New

In Stock

ESTES ROCKETRY

No Painting required - Plastic fins and nose cones
Pre-colored body tube - Assembles in about an hour

Bulk pack now available!
See previous page for details

Snaps Together!



CRAYON SERIES

Length: 19.8" Max alt: 550ft

Wt: 2.8oz. Fins: 1 pc plastic

B4-2, B6-2, B6-4, C6-5

Recovery: 18" Parachute

MSRP \$14.99*

40% \$8.99ea

All items below are released!

1100 Pulsar Pink

1101 Green Alien (pictured)

1102 Rocket Red (pictured)

1103 Planet Purple (pictured)

1104 Outer Space Orange

more colors coming 2013 - 12 total

Go online for current selection

BANDITO

Length: 11.2"

Max alt: 600ft

Wt: 0.6oz. Fins: plastic

1/4A3-3T, 1/2A3-2T, A3-4T,

A10-3T

Recovery: 12" Parachute

MSRP \$9.79*

0803 40%.....\$5.87

FIREHAWK

Length: 11.2"

Max alt: 600ft

Wt: 0.6oz. Fins: plastic

1/4A3-3T, 1/2A3-2T, A3-4T,

A10-3T

Recovery: 12" Parachute

MSRP \$9.79*

0804 40%.....\$5.87

FIRESTREAK SST

Length: 10.2"

Max alt: 350ft

Wt: 0.6oz. Fins: plastic

1/2A3-2T, A3-4T, A10-3T

Recovery: Day-Glo Streamer

MSRP \$9.79*

0806 40%.....\$5.87

GNOME

Length: 10.3" Max alt: 800ft

Wt: 0.4oz. Fins: 1 pc plastic

1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T

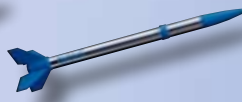
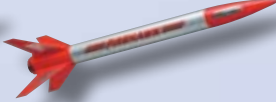
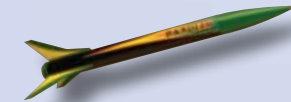
Recovery: Streamer

MSRP \$11.49*

0886 40%.....\$6.89

24 pc Bulk pk MSRP \$123.98*

1750 40%.....\$74.39



ALPHA III

Length: 12.3" Max alt: 1100ft

Wt: 1.2 oz. Fins: 1 pc plastic

1/2A6-2, A8-3, A8-5, B4-4,

B6-4, B6-6, C6-5, C6-7

Recovery: 12" chute.

MSRP \$19.99*

1256 40%.....\$11.99

12 pc Bulk pk MSRP \$119.99*

1751 40%.....\$71.99

SKYWRITER

Length: 22.5" Max alt: 1100ft

Wt: 1.5oz. Fins: 1 pc plastic

A8-3, B4-4, B6-4, C6-5

Recovery: 12" chute.

MSRP \$11.99*

1260 40%.....\$7.19

COSMIC COBRA

Length: 19.5" Max alt: 530ft

Wt: 1.0oz. Fins: 2 pc plastic

B4-2, B6-2, B6-4, C6-5

Recovery: 12" chute. & Copter

MSRP \$13.99*

1262 40%.....\$8.39

1735 12 pk 40%.....\$77.99

TWISTER

Length: 19.3" Max alt: 650ft

Wt: 2.9 oz. Fins: plastic

B4-2, B6-2, B6-4, C6-3, C6-5

12" parachute and

nose cone helicopter recovery.

MSRP \$14.99*

1263 40%.....\$8.99

BLUE NINJA

Length: 31.3" Max alt: 780ft

Wt: 5.1oz.

Fins: T³ Plastic molded

C11-3, D12-3

Recovery: 18" chute.

MSRP \$21.79*

1300 40%.....\$13.07

Req 3/16" Maxi Rod #2244



FREE FALL

Length: 20.5" Max alt: 575ft

Wt: 2.5 oz. Fins: plastic

B4-2, B6-2, B6-4, C6-3, C6-5

Dual Parachute recovery

MSRP \$16.99*

1330 40%.....\$10.19

BANSHEE

Length: 15.6" Max alt: 1100ft

Wt: 1.6 oz. Fins: plastic

A8-3, B4-4, B6-4, B6-6, C6-5, C6-7

12" parachute

MSRP \$14.99*

2132 40%.....\$8.99

HEATSEEKER

Length: 18.6" Max alt: 1025ft

Wt: 2 oz. Fins: plastic

B4-4, B6-4, C6-5

12" parachute

MSRP \$16.99*

2158 40%.....\$10.19

METALIZER

Length: 22.5" Max alt: 760ft

Wt: 2.4 oz. Fins: 2 pc plastic

A8-3, B4-4, B6-4, C6-5

12" parachute

MSRP \$18.29*

2168 40%.....\$10.97

DRAGONITE

Length: 16" Max alt: 1129ft

Wt: 1.8 oz. Fins: plastic

A8-3, B4-4, B6-4, C6-5, C6-7

12" parachute

MSRP \$15.99*

2169 40%.....\$9.59



CHROME DOME GOLD

Length: 18" Max alt: 600ft

Wt: 2.7 oz. Fins: "2 pc plastic"

A8-3, B4-4, B6-4, C6-5

12" parachute

MSRP \$16.29*

2181 40%.....\$9.77

1734 12 pk 40%.....\$83.99

SHUTTLE EXPRESS

Length: 17.69" Max alt: 586ft

Wt: 3.2 oz. Fins: plastic molded

B4-4, B6-4, C6-3, C6-5

Recovery:

Booster: 12" parachute

Shuttles: Glide back to earth

MSRP \$19.49*

2183 40%.....\$11.69

DINK

Length: 10" Max alt: 600ft

Wt: .6 oz. Fins: plastic molded

1/2A3-4T, A3-4T, A10-3T

Recovery: 6" Parachute

MSRP \$9.99*

2431 40%.....\$5.99

MIX-IT UP

Length: 16.25" Max alt: 1100ft

Wt: 1.4 oz. Fins: plastic

A8-3, B4-4, B6-4, B6-6, C6-5, C6-7

Recovery: 12" parachute

MSRP \$12.99*

2432 40%.....\$7.79

ZINGER

Length: 15" Max alt: 500ft

Wt: .9 oz. Fins: plastic

1/2A3-4T, A3-4T, A10-3T

Recovery: 12" parachute

MSRP \$10.99*

2433 40%.....\$6.59



SILVER STREAK

Length: 10" Max alt: 575ft

Wt: .65 oz. Fins: plastic

1/2A3-4T, A3-4T, A10-3T

Recovery: 6" parachute

MSRP \$9.99*

2434 40%.....\$5.99



3 BANDITS

Length: 10.8 - 11.1" Max alt: 550ft

Wt: .6 - .71 oz. Fins: plastic

1/2A3-4T, A3-4T, A10-3T

Recovery: 6" parachute

MSRP \$21.99*

2435 40%.....\$13.19



BLACK DIAMOND

Length: 26.25" Max alt: 500ft

Wt: 3.3 oz. Fins: plastic

B4-2, B6-2, C6-3

Recovery: 18" parachute

MSRP \$20.99*

2476 40%.....\$12.59

GOLD STRIKE / SILVER STREAK 2 ROCKET VALUE SET!

Gold Strike / Silver Streak

Length: 18.75" / 10"

Max alt: 725ft / 200 ft

Wt: 2.17oz. / .65 oz.

Recovery: 12" chute / 12" Chute

Fins: 1 pc molded plastic ea

Engines Gold Strike:

B4-4, B6-4, C6-5

Engines Silver Streak:

1/4A3-3T, 1/2A3-2T

MSRP \$16.99*

2430 40%.....\$10.19



www.acsupplyco.com

Estes Ready to Fly Rockets available online at <http://www.acsupplyco.com/estes/rtf.htm>



"BETA" SERIES SKILL LEVEL 1

Quick and easy to build kits with some sanding, cutting, and painting required. Includes cardboard colored body tubes and plastic nose cones! Most kits feature the T3 (through the tube) fin system.

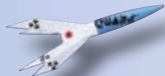
40% DISCOUNT

All Estes is sold at 40% off of MSRP



DER RED MAX

Length: 16.25" Max alt: 577ft.
Fins: Laser Cut Balsa
B4-4, B6-4, C6-5, C6-7
Recovery: 18" parachute
MSRP \$18.49+
0651 40%.....\$11.09



QUARK

Length: 5.2" Max alt: 700ft
Wt: 0.1 oz. Fins: Balsa
1/4A3-3T, 1/2A3-4T, A3-4T,
A10-3T
Recovery: Tumble
MSRP \$6.59+
0802 40%.....\$3.95



220 SWIFT

Length: 4.5" Max alt: 750ft
Wt: 0.1 oz. Fins: Balsa
1/4A3-3T, 1/2A3-4T, A3-4T,
A10-3T
Recovery: Tumble
MSRP \$6.59+
0810 40%.....\$3.95



ALPHA

Length: 12.3" Max alt: 1000ft
Wt: 0.8 oz. Fins: Die Cut Balsa
1/2A6-2, A8-3, A8-5, B4-4,
B6-4, B6-6, C6-5, C6-7
Recovery: 12" parachute
MSRP \$14.99+
1225 40%.....\$8.99

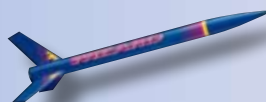
12 pc Bulk pk MSRP \$108.99+
1756 40%.....\$65.39



Check out
this price!

BABY BERTHA

Length: 12.5" Max alt: 575ft
Wt: 1.5 oz. Fins: Die cut balsa
A8-3, B4-4, B6-4, B6-6, C6-5
Recovery: 12" parachute
MSRP \$11.79+
1261 40%.....\$7.07



WIZARD

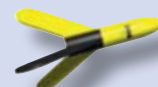
Length: 12" Max alt: 1500ft
Wt: 0.8 oz. Fins: Die Cut Balsa
1/a6-2, A8-3, A8-5, B4-4, B6-4,
B6-6, C6-5, C6-7
Recovery: Streamer
MSRP \$11.49+
1292 40%.....\$6.89

12 pk Bulk pk MSRP \$76.29+
1754 40%.....\$45.77



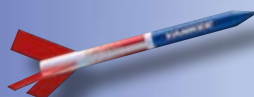
STORMCASTER

Length: 30" Max alt: 930ft
Wt: 2.9 oz.
Fins: T Die cut balsa
C11-3, D12-5
Recovery: 18" parachute
**2244 Maxi rod required
(not included)**
MSRP \$19.49+
1301 40%.....\$11.69



MINI MOSQUITO

Length: 3.8" Max alt: 800ft
Wt: 0.11 oz. Fins: Balsa
1/4A3-3T, 1/2A3-2T, 1/2A3-4T,
A3-4T, A10-3T
Recovery: Tumble
MSRP \$5.99+
1345 40%.....\$3.59



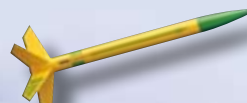
YANKEE

Length: 11" Max alt: 1400ft
Wt: 0.4 oz. Fins: Balsa
1/2A6-2, A8-3, A8-5, B4-4, B6-4,
B6-6, C6-5, C6-7
Recovery: Streamer
MSRP \$11.49+
1381 40%.....\$6.89



BIG BERTHA

Length: 24" Max alt: 500ft
Wt: 2.2 oz.
Fins: Die Cut Balsa
B4-2, B4-4, B6-2, B6-4, C6-5
Recovery: 18" parachute
MSRP \$24.99+
1948 40%.....\$14.99



VIKING

Length: 12.3" Max alt: 1470ft
Wt: 0.6 oz. Fins: die cut card
1/2A6-2, A8-3, A8-5, B4-4, B6-4,
B6-6, C6-5, C6-7
Recovery: Streamer
MSRP \$11.49+
1949 40%.....\$6.89

12 pc Bulk pk MSRP \$65.49+
1755 40%.....\$39.29



Payload
Section!

NOVA PAYLOADER

Length: 21.1" Max alt: 1000ft.
Fins: Laser Cut Balsa
with payload: B4-2, B6-2, C6-3
without payload: A8-3, B4-4,
B6-4, C6-5
Recovery: 12" parachute
MSRP \$18.99+
1960 40%.....\$11.39



D-REGION TOMAHAWK

Length: 38.8" Max alt: 750ft.
Fins: Balsa
D12-5, E9-6 (with or without
payload)
Recovery: 18" parachute
MSRP \$43.49+
2037 40%.....\$26.09
**2244 Maxi rod required
(not included)**



PATRIOT

Length: 21.3" Max alt: 600ft
Wt: 3.0 oz. Fins: Balsa
A8-3, B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$18.20+
2056 40%.....\$10.92



MONGOOSE

Rocket can be flown single or two
stage. 18" Parachute recovery.
Length: 26.5" Max altitude: 1800 ft
Engines:
SINGLE STAGE FLIGHT:
A8-3 (first flight), B4-4, B6-4, C6-5
MULTI STAGE FLIGHTS:
Booster stage: B6-0, C6-0;
Second stage: A8-3 (first flight),
B4-4, B6-4, B6-6, C6-7
MSRP \$15.99+
2092 40%.....\$9.59



HI-FLIER

Length: 12" Max alt: 1600ft.
Fins: Die Cut Balsa
1/2A6-2, A8-3, A8-5, B4-4, B6-4,
C6-5, C6-7
Recovery: Streamer
MSRP \$9.49+
2178 40%.....\$5.69



COSMIC EXPLORER

Length: 24.13" Max alt: 650ft
Wt: 2.75 oz. Fins: Laser cut balsa
B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$21.99+
2421 40%.....\$13.19



REFLECTOR

Length: 20.25" Max alt: 750ft
Wt: 2.0 oz. Fins: Laser cut balsa
B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$23.99+
2422 40%.....\$14.39



MINI FAT BOY

Length: 8.5" Max alt: 250ft
Wt: 1.3 oz. Fins: Laser cut wood
A10-3T
Recovery: 12" parachute
MSRP \$12.99+
2442 40%.....\$7.79



FLETCHER

Length: 39.25" Max alt: 325ft
Wt: 1.4 oz. Fins: Laser cut balsa
A3-4T, A10-3T
Recovery: parachute
MSRP \$14.99+
2444 40%.....\$8.99



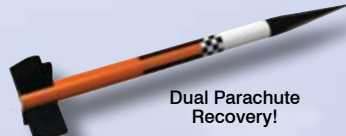
MINI MAX

Length: 9.75" Max alt: 400ft.
Fins: Balsa
1/2A3-2T, A3-4T, A10-3T
Recovery: 18" parachute
MSRP \$12.49+
2445 40%.....\$7.49

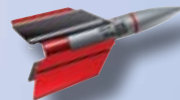
New
Released



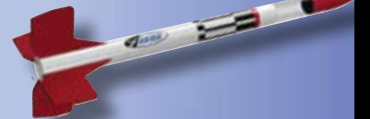
MINI HONEST JOHN
Length: 11.75" Max alt: 325ft
Wt: 1.2 oz. Fins: Laser cut balsa
1/2A3-2T, A3-4T, A10-3T
Recovery: 12" parachute
MSRP \$11.99+
2446 40%.....\$7.19



CHUTER II
Length: 18.5" Max alt: 900ft
Wt: 1.2 oz. Fins: Laser cut balsa
Nose cone: plastic
A8-3, B6-4, C6-5
Recovery: 2 - 12" parachute
MSRP \$21.79+
3009 40%.....\$13.07



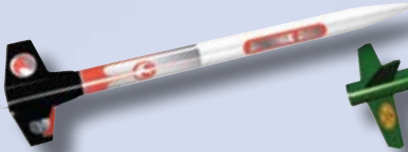
FLUTTER BY
Length: 8.25" Max alt: 1000ft
Wt: 1.4 oz. Fins: Laser cut balsa
Nose cone: plastic
1/2A6-2, A8-3, B4-2, B4-4, B6-2, B6-4
Recovery: Tumble
MSRP \$14.29+
3013 40%.....\$8.57



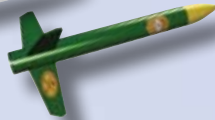
PAYLOADER II
Length: 17" Max alt: 1000ft
Wt: 1.2 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$21.79+
3022 40%.....\$13.07

Payload Section!

Unique spin Action!



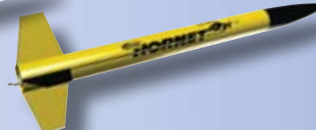
PHOENIX BIRD
Length: 24" Max alt: 550ft
Wt: 2.88 oz. Fins: Laser Cut balsa
Nose cone: pre-shaped balsa
B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$23.99+
3024 40%.....\$14.39



STAR TROOPER
Length: 7.3" Max alt: 900 ft
Wt: .3 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
1/4A3-3T, 1/2A3-4T, A3-4T, A10-3T
Recovery: Streamer
MSRP \$6.59+
3031 40%.....\$3.95



TWISTER
Length: 13.8" Max alt: 1100 ft
Wt: 1.1 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$16.29+
3033 40%.....\$9.77

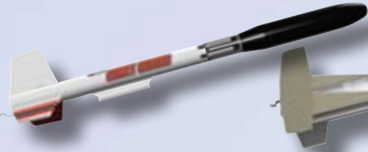


HORNET
Length: 19.25" Max alt: 775ft
Wt: 2.3 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$19.49+
3037 40%.....\$11.69



TASER TWIN
Length: 15.4" Max alt: 2000ft
Wt: 1.8 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B6-0/B6-6 altitude 1200ft
C6-0/C6-7, altitude 2000ft
Recovery: Streamer / tumble
MSRP \$14.29+
3201 40%.....\$8.57

2 Stage Fun!



COMET CHASER
Length: 14.4" Max alt: 1150 ft
Wt: 1.26 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$14.29+
3202 40%.....\$8.57



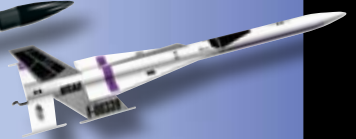
EQUINOX
Length: 15" Max alt: 1575 ft
Wt: 1.1 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$12.99+
3203 40%.....\$7.79



FUSION X25
Length: 18.5" Max alt: 1125 ft
Wt: 1.25 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$16.29+
3205 40%.....\$9.77



STAR STRYKER
Length: 16.8" Max alt: 1175ft
Wt: 1.06 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$17.49+
3206 40%.....\$10.49

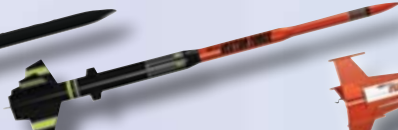


CROSSBOW SST
Length: 14.4" Max alt: 1600ft
Wt: 1.1 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$16.29+
3207 40%.....\$9.77

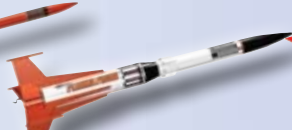
Payload Section!



SPACE EAGLE
Length: 26.75" Max alt: 975 ft
Wt: 2.2 oz. Fins: Laser cut balsa
Nose cone: Plastic
B6-4, C6-5
Recovery: 12" parachute
MSRP \$22.79+
3209 40%.....\$13.67



VECTOR FORCE
Length: 28.25" Max alt: 725 ft
Wt: 2.36 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B6-4, C6-5
Recovery: 12" parachute
MSRP \$22.79+
3210 40%.....\$13.67



PLASMA PROBE
Length: 18.5" Max alt: 800 ft
Wt: 1.7 oz. Fins: Laser cut balsa
Nose cone: plastic
B6-4, C6-5
Recovery: 12" parachute
MSRP \$22.79+
3211 40%.....\$13.67



SUPER ALPHA
Length: 19.5" Max alt: 600ft
Wt: 2.2 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B6-4, C6-5
Recovery: 18" parachute
MSRP \$16.49+
3216 40%.....\$9.89

New
In Stock



ESTES JETLINER
Length: 9.3" Wingspan: 11"
Max alt: 150ft
Wt: 1.9 oz. Fins: Laser cut wood
A10-3T
Recovery: 12" parachute
MSRP \$13.99+
3230 40%.....\$8.39

New
In Stock



CURVILINEAR
Length: 10.5" Max alt: 175ft
Wt: 1.5 oz. Fins: Laser cut wood
A10-3T
Recovery: 12" parachute
MSRP \$12.99+
3231 40%.....\$7.79



RICOCHET
Length: 22" Max alt: 1125ft
Wt: 1.45 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B6-4, C6-5
Recovery: 12" parachute
MSRP \$19.49+
7208 40%.....\$11.69



MONARCH
Length: 22.5" Max alt: 700ft
Wt: 2.4 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B6-4, C6-5
Recovery: 18" parachute
MSRP \$17.49+
7214 40%.....\$10.49



STRATOCRUISER
Length: 23.5" Max alt: 725ft
Wt: 2.2 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
B6-4, C6-5
Recovery: 12" parachute
MSRP \$17.49+
7215 40%.....\$10.49



CROSSFIRE ISX
Length: 15.6" Max alt: 1150ft
Wt: 1.3 oz. Fins: Laser cut balsa
Nose cone: pre-shaped balsa
A8-3, B4-4, B6-4, C6-5, C6-7
Recovery: 12" parachute
MSRP \$11.99+
7220 40%.....\$7.19



"EXPLORER" SERIES SKILL LEVEL 2

First level of craftsmanship
Requires more skills in building and painting
Includes rockets that use Estes D engines

**Mighty D or E
Engine Power!**



MEAN MACHINE

Length: 79" Max alt: 900ft
Wt: 5.8 oz. Fins: Laser Cut Balsa
Engines: D12-3, D12-5,
E9-4, E9-6
Recovery: 24" parachute
MSRP \$31.59+
1295 40%.....\$18.95

*Requires 3/16" Maxi rod #2244
sold separately

For E launches requires:
E launch controller (#2230)
and E Launch pad (#2238)
sold separately



INTERCEPTOR

Length: 26" Max alt: 525ft
Fins: Laser Cut Balsa
B6-2, B6-4, C6-5
Recovery: 18" parachute
MSRP \$30.99+
1250 40%.....\$18.59



2 Stage Fun!

CC EXPRESS

Length: 28.38" Max alt: 1790ft
Wt: 2.7 oz. Fins: Die Cut Balsa
Single Stage: D12-5
Two Stage: Booster: D12-0
Second Stage: D12-7
(Req 2244 3/16" Maxi rod)
Recovery: 18" parachute
MSRP \$20.49+
1302 40%.....\$12.29



MAXI ALPHA 3

Length: 33.25" Max alt: 700ft
Wt: 6.6oz
Engine: D12-3, E9-4, E9-6
(Req E - Launch Pad #2238 and
E - Controller #2230 when E
engines are used)
Recovery: 24" Nylon Parachute
MSRP \$29.99+
1903 40%.....\$17.99

Flights over 1400 feet!

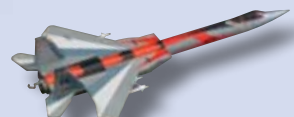


ELIMINATOR

Length: 30.8" Max alt: 1400ft
Wt: 4.6oz. Fins: 1 pc Plastic
Engines: D12-5, D12-7,
E9-6, E9-8
(Req E Launch Pad #2238
and Controller #2230)
Recovery: 24" parachute
MSRP \$32.79+
1950 40%.....\$19.67

SUPER NEON

Length: 22.1"
Max alt: 1000ft.
Fins: Laser Cut Balsa
A8-3, B4-4, B6-4, C6-5 Recov-
ery: 12" parachute
MSRP \$18.49+
2050 40%.....\$11.09



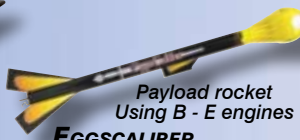
SCREAMING EAGLE

Length: 16.75 Max alt: 600ft
Wt: 2.3 oz.
Fins: Die Cut Balsa
A8-3, B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$20.79+
2117 40%.....\$12.47



BIG DADDY

Length: 19" Max alt: 500ft
Fins: T³ Die Cut Balsa
C11-5, D12-3, D12-5, E9-4, E9-6
Requires 3/16" Maxi rod #2244
For E launches requires #2230 E
launch controller and pad #2238
sold separately
Recovery: 24" parachute
MSRP \$31.99+
2162 40%.....\$19.19



Payload rocket
Using B - E engines

EGGSCALIBER

Length: 18.8" Max alt: 610ft
Wt: (Empty) 2.5 oz.
Fins: Laser Cut Balsa
Engines: (with egg) C6-3, D12-3, E9-4
(w/o egg) B4-2, B6-2, C6-5, D12-5, E9-6
Requires E launch controller and
#2230 E launch pad when using
E engines
Recovery: 24" parachute
MSRP \$23.99+
2123 40%.....\$14.39



GUARDIAN

Length: 19.13" Max alt: 723ft
Wt: 2.4 oz.
Fins: Die Cut Balsa
A8-3, B4-4, B6-4, B6-6, C6-5
Recovery: 12" parachute
MSRP \$16.79+
2179 40%.....\$10.07



2 Stage Fun!

SOLAR FLARE

Length: 27" Max alt: 800ft
Wt: 3.2 oz. Fins: Laser Cut Balsa
Engines:
Single Stage: A10-3T
Two Stage:
B6-0, A10-3T,
C6-0, A10-3T
Recovery: 12" parachute
MSRP \$19.49+
2401 40%.....\$11.69



2 Stage Fun!

ASTRON ELLIPTIC II

Length: 23.3" Max alt: 925ft
Wt: 1 oz. Fins: Die Cut Balsa
Engines:
Single Stage: 1/2A3-2T, A3-4T,
A10-3T
Two Stage:
Booster: A10-0T
Second Stage: A3-4T, A10-3T
Recovery: Streamer and Tumble
MSRP \$12.99+
2447 40%.....\$7.79



3 stage excitement.
Flights up to 900 ft!

MINI COMANCHE 3

Length: 31.1" Max alt: 900ft
Wt: 1.5 oz. Fins: Laser Cut Balsa
Engines:
Single Stage: 1/2A3-2T, A3-4T, A10-3T
Three Stage:
Boosters: 2 - A10-0T's
Second Stage: 1/2A3-4T, A3-4T, A10-3T
Recovery: Streamer and Tumble
MSRP \$14.99+
2448 40%.....\$8.99



ALIEN INVADER

Length: 20.2"
Max alt: 900ft
Wt: 2.4 oz.
Fins: Die Cut Balsa
B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$21.79+
3003 40%.....\$13.07



2 Stage Fun!

LONG TOM

Length: 33.25" Max alt: 1100ft
Wt: 3.2 oz. Fins: Balsa
Engines:
Single Stage: C6-7
Two Stage:
Booster: B6-0, C6-0
Second Stage: B6-6, C6-7
Recovery: 18" parachute
MSRP \$26.99+
3016 40%.....\$16.19

PHOTON DISRUPTOR

Length: 24.5" Max alt: 750ft
Wt: 2.4 oz.
Fins: Balsa
B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$21.79+
3025 40%.....\$13.07



PHOTON PROBE

Length: 23" Max alt: 575ft
Fins: Balsa
B4-4, B6-4, C6-5
Recovery: 18" parachute
MSRP \$21.99+
3026 40%.....\$13.19



SATELLITE INTERCEPTOR

Length: 22.25" Max alt: 950ft
Wt: 2.3 oz.
Fins: Balsa Fin Span: 5.5 in.
B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$26.29+
3027 40%.....\$15.77



VAGABOND

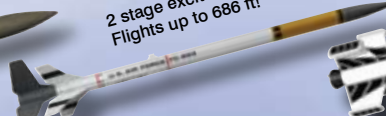
Length: 35.25" Max alt: 1275ft
Wt: 4.1 oz.
Fins: Die Cut Balsa
D12-5, D12-7, E9-6, E9-8
Recovery: 18" parachute
MSRP \$21.79+
3217 40%.....\$13.07



LASER LANCE

Length: 20.25" Max alt: 282ft
Wt: 2.8oz
Engine: C11-3, C11-5,
D12-5, D12-7
Recovery: 12" Parachute
Maxi Rod #2244 required
MSRP \$18.49+
3218 40%.....\$11.09

2 stage excitement.
Flights up to 686 ft!



AIR COMMANDER

Length: 32.5" Max alt: 686ft
Wt: 3.8 oz.
Fins: Laser Cut Balsa
Booster: C11-0, D12-0
Upper Stage: D12-5, D12-7
Recovery: 18" parachute
Maxi Rod #2244 required
MSRP \$26.99+
3219 40%.....\$16.19



SOLAR WARRIOR

Length: 27" Max alt: 925ft
Wt: 3.1 oz.
Fins: Laser Cut Balsa
C11-3, C11-5, D12-5, D12-7
Recovery: Parachute
Maxi Rod #2244 required
MSRP \$21.99+
3225 40%.....\$13.19



"EXPLORER" SERIES - SKILL LEVEL 2 - CONT.

SEE PAGE 56 - 57
FOR ADHESIVES!



Hi Flier XL

Length: 31" Max alt: 1325ft
Wt: 3.5 oz.
Fins: Laser Cut Balsa
C11-3, D12-5, D12-7, E9-6*, E9-8*
Recovery: Parachute
Maxi Rod #2244 required.
*E launch pad and controller
required when using E engines.
MSRP \$19.99+
3226 40%.....\$11.99



LOADSTAR II

Length: 24.5"
Max alt: 1000ft
Engines:
Single Stage Flights:
A8-3, B4-4, B6-4, C6-5
Multi Stage Flights:
Booster: B6-0, C6-0
Upper Stage: A8-3, B6-6, C6-7
MSRP \$20.99+
3227 40%.....\$12.59

12 pc Bulk pk MSRP \$159.99+
1760 40%..... 95.99



CENTURI

Length: 29.3"
Max alt: 600ft
Wt: 3.1 oz.
Fins: Laser cut wood
B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$19.99+
3232 40%.....\$11.99



BULL PUP 12D

Length: 15.6"
Max alt: 675ft
Wt: 1.8 oz.
Fins: Die Cut Balsa
A8-3, B4-4, B6-4, C6-5
Recovery: 12" parachute
MSRP \$19.49+
7000 40%.....\$11.69

12 pc Bulk pk MSRP \$139.99+
1767 40%..... 83.99



EPM 010

Length: 35.25"
Max alt: 925ft
Wt: 2.4 oz.
Fins: Die Cut Balsa
B4-4, B6-4, C6-3, C6-5
Recovery: 12" parachute
MSRP \$21.99+
7216 40%.....\$13.19



HYPER BAT

Length: 21.9"
Max alt: 2125ft
Wt: 1.8 oz.
Fins: Laser Cut Balsa
Single Stage Flights: B6-4, C6-5
Multi Stage Flights:
Booster: A8-0, B6-0, C6-0
Upper Stage: A8-5, B6-6,
C6-5, C6-7
Recovery: 12" parachute and tumble
MSRP \$16.29+
7217 40%.....\$9.77



DARK ENERGY

Length: 29.8" Max alt: 700ft
Wt: 3.8 oz.
Fins: Laser Cut Balsa
B4-2, B6-2, C6-3
Recovery: Parachute
MSRP \$19.99+
7219 40%.....\$11.99



STM 012

Length: 44.4" Max alt: 1125ft
Wt: 5.7 oz.
Fins: Laser Cut Wood,
Plastic nose cone
Slotted body tubes!
Engine: C11-3, D12-5, E9-4, E9-6
Recovery: 18" parachute
(Requires Maxi rod #2244.
Req E-Launch Pad #2238 and
E-Controller #2230 when using
E engines)
MSRP \$20.99+
7221 40%.....\$12.59



ROGUE VOYAGER

Length: 22.1" Max alt: 550ft
Wt: 2.5 oz.
Fins: Laser Cut Wood
B4-4, C6-5
Recovery: 12" Parachute
MSRP \$17.99+
7223 40%.....\$10.79



ASTRON SPRINT XL

Length: 22.8" Max alt: 1300ft
Wt: 3.4 oz.
Fins: Laser Cut Wood
Engine: C11-3, D12-5, E9-6, E9-8
E12-6, E12-8
Recovery: 18" parachute
(Requires Maxi rod #2244.
Req E-Launch Pad #2238 and
E-Controller #2230 when using
E engines)
Recovery: 18" Parachute
MSRP \$19.99+
7224 40%.....\$11.99

"CHALLENGE" SERIES - SKILL LEVELS 3

Second level of Craftsmanship. - Requires more skill in building & painting. - Includes rockets that use Estes D & E Engines.



COMANCHE III

Length: 41" Max alt: 2660ft
Wt: 2.1oz. Fins: Balsa
(Req 2244 3/16" Maxi rod)
Single Stage Flights: A8-3,
B4-4, B6-4, C6-5
Three Stage Flights:
Booster: C11-0, D12-0
Second Stage: C6-0
Third Stage: B6-6, C6-7
Recovery: Streamer
MSRP \$26.99+
1382 40%.....\$16.19



ASTRON SKYDART

Length: 15.4" Wingspan: 12.5"
Max alt: 500ft
Wt: 3.1 oz. Fins: Laser Cut Wood
B6-2, C6-3
Recovery: Parachute and Glider
MSRP \$28.99+
3229 40%.....\$17.39



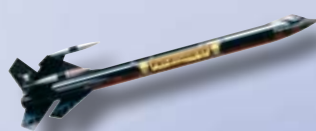
V-2

Length: 22.4" Max alt: 725ft
Wt: 6.3 oz. Fins: Laser Cut Balsa
C11-3, D12-3, E9-4*, E9-6*
(Requires Maxi rod #2244.
Req E-Launch Pad #2238 and
E-Controller #2230 when using
E engines)
Recovery: 18" parachute
MSRP \$24.99+
3228 40%.....\$14.99



MIRV

Length: 24.5"
Max alt: 600ft
Wt: 5 oz.
Fins: Laser Cut Balsa
Booster: B6-0, C6-0
Upper Stage: 3 - A10-3T per flight
Note: 1 - booster and 3 - A10-3T's
used each launch!
Recovery: 12" parachute
MSRP \$29.99+
2134 40%.....\$17.99



RENEGADE D

Length: 22.6" Max alt: 900ft
Wt: 4.3oz
Engine: D12-5
Recovery: 18" Parachute
Maxi Rod #2244 required
MSRP \$23.99+
2410 40%.....\$14.39



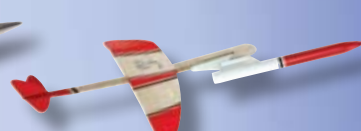
SUPER NEON XL

Length: 37.75" Max alt: 1000ft
Wt: 7oz
Engine: D12-5 (first flight), E9-4, E9-6
(Requires Maxi rod #2244 when
D engine is used.
Requires E -Launch Pad #2238 and
E - Controller #2230 when using
E engines)
Recovery: 24" Parachute
MSRP \$29.99+
2425 40%.....\$17.99



MAGICIAN

Length: 29" Max alt: 1600ft
Wt: 3.5oz
Engine: D12-5, E9-6
(Requires Maxi rod #2244 when
D engine is used.
Req E-Launch Pad #2238 and
E-Controller #2230 when using
E engines)
Recovery: 18" Parachute
MSRP \$23.99+
2440 40%.....\$14.39



TERCEL BOOST GLIDER

Length: 16.5 Max alt: 700ft
Wt: .78 oz. Fins: Laser Cut Balsa
Wingspan 10.9"
1/2A3-2T, A3-4T
Recovery: Parachute and Glider
MSRP \$16.99+
3222 40%.....\$10.19

New
In Stock**"CHALLENGE" SERIES - SKILL LEVELS 4 AND 5**

Skill Level 4

COSMIC INTERCEPTORLength: 40.5" Max alt: 625ft
Fins: Laser Cut Wood Wt. 10.1oz.
Engine: D12-3, E9-4, E12-4,
PSII E30-4TRecovery: 24" Nylon Parachute
(Requires Maxi rod #2244
when D engine is used.)Req E-Launch Pad #2238 and E-Controller #2230 when using E engines)
MSRP \$48.99+

1351 40%.....\$29.39

Super Value!

Skill Level 4

QCC EXPLORERLength: 35" Max alt: 1225ft
Wt. 5oz Recovery: 18" Chute
Engine: C11-3, D12-5, E9-4,
E9-6(Requires Maxi rod #2244
when D engine is used.)

Req E-Launch Pad #2238

and E-Controller #2230

when using E engines)

MSRP \$19.99+

3221 40%.....\$11.99

Skill Level 5

XARCONION CRUISERLength: 22.7" Max alt: 525ft
Wing span 8.4" Wt. 3.7oz.

Fins: Laser Cut Balsa

Engine: B6-2, C6-3

Recovery: 18" Parachute

MSRP \$29.99+

3223 40%.....\$17.99

Skill Level 5

ASTEROID HUNTERLength: 16.2" Max alt: 500ft
Wing span 8" Wt. 4.4oz.

Fins: Laser Cut Balsa

Engine: C6-3

Recovery: Parachute

MSRP \$29.99+

3224 40%.....\$17.99

Skill Level 5

BLACK STAR VOYAGERLength: 39.7" Max alt: 1100ft
Fins: Laser Cut Wood Wt. 7oz.

Engine: D12-3, E9-4, E12-4,

Recovery: 18" Parachute

(Requires Maxi rod #2244

when D engine is used.)

Req E-Launch Pad #2238

and E-Controller #2230

when using E engines)

MSRP \$36.99+

7222 40%.....\$22.19

New**PRO SERIES II ROCKETS, ENGINES, AND ACCESSORIES**

MORE PRO SERIES II ROCKETS AVAILABLE OUR WEBSITE!

New
In Stock**VENTRIS**Length: 46.25" Dia: 2.5"
Max alt: 2000ft Wt. 15.8oz.

Fins: Laser Cut Plywood

Screw on Motor Retainer

Engine: F26-6, F50-6, G40-7, G80-7

Recovery: 24" Nylon Parachute

MSRP \$64.99+

9701 40%.....\$38.99

ARGENTLength: 56.4 Dia: 2.5"
Max alt: 1700ft Wt. 16.5oz.

Fins: Laser Cut Plywood

Screw on Motor Retainer

Engine: F26-6, F50-6, G40-7, G80-7

Recovery: 24" Nylon Parachute

MSRP \$69.99+

9703 40%.....\$41.99

NIKE SMOKELength: 41" Dia: 3"
Max alt: 1500ft Wt. 17.5oz.

Fins: Laser Cut Plywood

Screw on Motor Retainer

Engine: F26-6, F50-6, G40-7, G80-7

Recovery: 24" Nylon Parachute

MSRP \$79.99+

9704 40%.....\$47.99

MEGA DER RED MAXLength: 40 Dia: 4"
Max alt: 500ft Wt. 31oz.

Fins: Laser Cut Plywood

Screw on Motor Retainer

Engine: F50-6, G40-7, G80-7

Recovery: 30" Nylon Parachute

MSRP \$89.99+

9705 40%.....\$53.99

E-LAUNCH CONTROLLER (PRO SERIES ALSO)

Requires 4AA batteries, (sold on pg. 38.)

MSRP \$27.49+

2230 40%.....\$16.49

PS II 24" NYLON PARACHUTE

MSRP \$12.99+

2261 40%.....\$7.79

PS II SONIC IGNITOR (4PK)

Hazmat shipping required, see page 2 for details!

MSRP \$5.99+

2305 40%.....\$3.59

PS II LAUNCH BASE (LAUNCH PAD)

MSRP \$79.99+

3552 40%.....\$47.99

PS II RECOVERY WADDING (39 PCS)

MSRP \$9.99+

3556 40%.....\$5.99

PS II 29MM MOTOR RETAINER SET (2 SETS)

MSRP \$8.99+

9750 40%.....\$5.39

ESTES COMPOSITE ENGINES
FOR PRO SERIES II

(SONIC IGNITORS NOT INCLUDED)

#	Size	MSRP	Your Cost
9770	E30-4	1 pc...\$20.99	\$12.59
9771	E30-7	1 pc...\$20.99	\$12.59
9772	F26-6	1 pc...\$24.99	\$14.99
9773	F50-4	1 pc...\$24.99	\$14.99
9774	F50-6	1 pc...\$24.99	\$14.99
9775	G40-4	1 pc...\$26.99	\$16.19
9776	G40-7	1 pc...\$26.99	\$16.19
9777	G80-7	1 pc...\$26.99	\$16.19
9778	G80-10	1 pc...\$26.99	\$16.19

Note: The above engines are required to ship UPS hazmat and incur a \$27.50 fee per shipment! (You may ship up to 33lbs of rocket engines for one \$27.50 fee!)

ESTES SOLID FUEL ROCKET ENGINES

HAZMAT SHIPPING REQUIRED, SEE PG 2 FOR DETAILS. MAY GO USPS (NO EXTRA CHARGE) OR UPS WITH A \$27.50 HAZMAT CHARGE

STANDARD PACKS

Includes 1 ignitor per engine. 3 packs have 3 ignitors, 4 packs have 4 ignitors. Wadding is not included

MINI ENGINES

4 per package

No.	Description
1502	1/4A3-3T
1503	1/2A3-2T
1504	1/2A3-4T
1507	A3-4T
1510	A10-0T
1511	A10-3T

MSRP \$10.29+

40%.....\$6.17

A - ENGINES

3 per package

No.	Description
1593	1/2A6-2
1598	A8-3
1599	A8-5
1600	A8-0

MSRP \$10.29+

40%.....\$6.17

B - ENGINES

3 per package

No.	Description
1601	B4-2
1602	B4-4
1605	B6-2
1606	B6-4
1607	B6-6
1608	B6-0

MSRP \$10.79+

40%.....\$6.47

C - ENGINES

3 per package

No.	Description
1613	C6-3
1614	C6-5
1615	C6-7
1616	C6-0

MSRP \$11.79+

40%.....\$7.07

FAT C - ENGINES

3 per package

No.	Description
1621	C11-0 New
1622	C11-3
1623	C11-5 New
1624	C11-7 New

MSRP \$11.79+

40%.....\$7.07

D - ENGINES

3 per package

No.	Description
1665	D12-0
1666	D12-3
1667	D12-5
1668	D12-7

MSRP \$17.49+

40%.....\$10.49

E - ENGINES

UPS hazmat shipping required,

See pg. 2 for details

3 per package

No.	Description
1673	E9-4
1674	E9-6
1675	E9-8
1691	E12-0 "New"
1692	E12-4 "New"
1693	E12-6 "New"
1694	E12-8 "New"

MSRP \$23.99+

40%.....\$14.39

24PC BULK ROCKET ENGINES

24 motors, 75 sheets wadding, 30 ignitors

The following sizes available in bulk packs.

No.	Qty	Description	MSRP+	40% cost
1781	24 ea	A8-3	\$71.99	\$43.19
1783	24 ea	B6-4	\$72.99	\$43.79
1784	12 ea	B6-0, B6-6	\$80.59	\$48.35
1788	24 ea	1/2A3-4T	\$57.79	\$34.67
1789	24 ea	C6-5	\$84.99	\$50.99
1672	6 ea	A8-3, B6-4, C6-3, C6-5	\$69.99	\$41.99



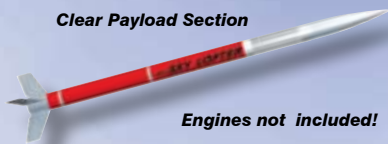
LAUNCH SETS

40% Discount

All Estes is sold at 40% off of MSRP

Included with every launch set:
Rocket(s) pictured, Launch Pad and Launch Controller.
requires 4-AA alkaline batteries (not included. available on pg 40)
Note: engines, wadding and ignitors are NOT INCLUDED!

Clear Payload Section



Engines not included!

SKY LOFTER Launch Set

Easy to assemble 22" rocket that flies to 1025' Fins, body tube and nose cone are pre-colored.
12" parachute recovery.

A8-3, B4-4, B6-4, B6-6, C6-5
MSRP \$26.99+

1498 40% \$16.19



HeliCat

Engines not included!

Launch Set

Easy to Assemble with precolored parts

Length: 30.25" Max Altitude: 550ft

18" parachute and Helicopter recovery.

B4-2, B6-2, C6-3, C6-5

MSRP \$34.99+

1465 40% \$20.99



Engines not included!

ALPHA III Launch Set

Includes launch pad, controller and Alpha 3 rocket.

Easy to Build and finish!

Fins, body tube and nose cone are pre-colored.

Length: 12.3" Max alt: 1100ft

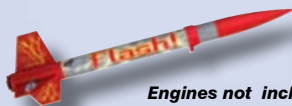
1/2A6-2, A8-3, A8-5, B4-4,

B6-4, B6-6, C6-5 C6-7

Recovery: 12" chute.

MSRP \$32.79+

1427 40% \$19.67



Engines not included!

FLASH

Includes launch pad, controller and Flash rocket.

Easy to Build and finish!

SNAPS TOGETHER!

The FLASH rocket kit literally "snaps" together in minutes with the uniquely molded fin set. The pre-colored body tube attaches easily and the die cut decals are a breeze to apply. In just minutes you will have built your 1st model rocket that will look like it was made by a pro! Using standard Estes engines (not included) the Flash soars to heights over 1,100 feet.

Length: 16" Max alt: 1100ft

A8-3, B4-4, B6-4, C6-5 C6-7

Recovery: 12" chute.

MSRP \$26.49+

1478 40% \$15.89



Engines not included!

MAXI ALPHA 3 SKILL LEVEL 2 Launch Set

33" rocket that flies to 700'

18" parachute recovery.

D12-3, E9-4*, E9-6*

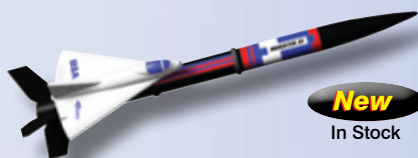
Includes Regular launch pad and regular Controller,

#2244 Maxi rod and regular 1/8" launch rod.

**E" launch controller and "E" launch pad required when launching with E engines. (not included)

MSRP \$49.99+

1466 40% \$29.99



New

In Stock

Engines not included!

MANTA II Launch Set

Includes launch pad, controller and Manta II rocket.

Easy to Build and finish!

Fins, body tube and nose cone are pre-colored. Length:

12.3" Max alt: 600ft

A8-3, B4-4, B6-4,

Recovery: 12" chute and glider.

MSRP \$34.99+

1425 40% \$20.99



**Awesome 2 Rocket Set
Engines not included**

TANDEM - X 2 - ROCKET LAUNCH SET

Crossfire ISX - Skill level 1

Easy to build and finish! Simple painting & Gluing!

Over 1 ft tall Flights to over 1200 ft

Engines: A8-3, B4-4, B6-4, C6-5

Amazon - Skill level 0 E2X

Easy to assemble in less than an hour. Pre-colored parts,

no painting. Almost 3 feet tall Blasts over 600 ft high.

Engines: B4-2, B4-4, B6-2, B6-4, C6-3, C6-5

MSRP \$32.79+

1469 40% \$19.67



**Awesome 2 Rocket Set
Engines not included**

SOLAR SCOUTS 2 - ROCKET LAUNCH SET

Skydart - Skill level 1

Easy to build and finish! Simple painting & Gluing!

Over 1 ft tall Flights to over 950 ft

Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T

Farside - Skill level 0 E2X

Easy to assemble in less than an hour. Pre-colored parts,

no painting. 16" tall Blasts over 1100 ft high.

Engines: A8-3, B4-4, B6-4, B6-6, C6-5, C6-7

MSRP \$32.79+

1475 40% \$19.67



Engines not included!

Shuttle Express Launch Set

Includes launch pad, controller

Easy to Assemble with pre-colored parts

Length: 17.7" Max Altitude: 600ft

12" parachute and two glider recovery

B4-2, B4-4, B6-2, B6-4, C6-3, C6-5

MSRP \$29.99+

1462 40% \$17.99



**Awesome 2 Rocket Set
Engines not included**

RASCAL / HIJINKS 2 - ROCKET LAUNCH SET

Ready to Fly Rockets

Over 14" tall Flights to over 1200 ft

Engines: A8-3, B4-4, B6-4, C6-5, C6-7

MSRP \$32.79+

1499 40% \$19.67



Helicopter
Nose Cone
Recovery

Engines not included!

Sky Twister

Launch Set

Easy to Assemble with precolored parts

Length: 30.25" Max Altitude: 550ft

18" parachute and Helicopter recovery.

B4-2, B6-2, C6-3, C6-5

MSRP \$39.99+

1438 40% \$23.99



Engines not included!

TASER Launch Set

Includes launch pad, controller and Taser rocket.

Easy to assemble 18" rocket that flies to 1000' Fins, body

tube and nose cone are pre-colored.

12" parachute recovery.

A8-3, B4-4, B6-4, B6-6, C6-7

MSRP \$26.49+

1491 40% \$15.89



Engines not included!

RIPTIDE Launch Set

Ready-To-Fly 18" rocket that flies to 600'. Chrome finish

nose cone and fins. 12" parachute recovery.

A8-3, B4-4, B6-4,

MSRP \$34.99+

1403 40% \$20.99



ACCESSORIES

For pictures and descriptions of these accessories see our web site at www.acsupplyco.com

PORTA PAD II LAUNCH PAD MSRP \$19.99+
Same launch pad as in standard launch sets
2215 40%\$11.99

LAUNCH CONTROLLER - Same controller as in the standard launch sets
MSRP \$19.99+
2220 40%\$11.99

LIGHT BULB FOR LAUNCH CONTROLLER
Works with either 2220 or 2230 MSRP \$2.89+
39705 40%\$1.74

ROCKET BUILDERS MARKING GUIDE MSRP \$10.99+
2227 40%\$6.59

ULTIMATE TUBE MARKING GUIDE MSRP \$11.99+
2228 40%\$7.19

FIN ALIGNMENT GUIDE MSRP \$21.99+
2231 40%\$13.19

ALTITRAK MSRP \$21.99+
2232 40%\$13.19

E-LAUNCH CONTROLLER
Requires 4AA batteries, (sold on pg. 40.)
MSRP \$27.49+
2230 40%\$16.49

E-LAUNCH PAD
Quick assembly, Comes with 1/4" launch rod only!
NOTE: Also works with Maxi rod but not standard rod!
MSRP \$26.29+
2238 40%\$15.77

BLAST DEFLECTOR PLATE MSRP \$5.99+
2241 40%\$3.59

1/8" LAUNCH ROD for std rockets MSRP \$5.39+
2243 40%\$3.23

3/16" MAXI ROD for "D" Rockets MSRP \$8.79+
2244 40%\$5.27

New
In Stock

ROCKET DISPLAY STANDS



ROCKET DISPLAY STANDS - 3 PER PK MSRP \$7.49+
2290 For Mini Engine Rockets 3pk40% **\$4.49**
2291 40% For Std Engine Rockets 3pk40% **\$4.49**
2292 For C11, D and E Engine Rockets 3pk 40% **\$4.49**

New

In Stock



Box of over 100 asst parts. You Can build up to 8 individual rockets. More details will be posted on our website as they become available!
www.acsupplyco.com

DESIGNER SPECIAL
MSRP \$79.99+
1980 40%\$47.99

TUBE CUTTING GUIDE MSRP \$9.99+
2315 40%\$5.99

PARACHUTES

PARACHUTE 6" MSRP \$2.29+
2262 40%\$1.37

PARACHUTE 12" MSRP \$2.49+
2264 40%\$1.49

PARACHUTE 15" MSRP \$2.59+ **New** In Stock
2265 40%\$1.55

PARACHUTE 18" MSRP \$2.69+
2267 40%\$1.61

PARACHUTE 24" MSRP \$2.89+
2271 40%\$1.73

MISCELLANEOUS PARTS

RECOVERY WADDING 75 sheets MSRP \$5.49+
2274 40%\$3.29

IGNITORS (6 Pk) MSRP \$5.49+
2301 40%\$3.29

MINI TO STANDARD ENGINE ADAPTOR
ALLOWS A MINI ENGINE TO BE USED IN A STANDARD ROCKET!
MSRP \$5.99+
2316 40%\$3.59

PARTS

MISCELLANEOUS PARTS (CONT.)

STANDARD TO D ENGINE ADAPTOR
ALLOWS A STANDARD ENGINE TO BE USED IN A D SIZE ROCKET!

MSRP \$5.99+
2317 40%\$3.29

SHOCK CORDS AND MOUNT PK MSRP \$4.99+
Contains: 2 - 1/8" x 18" shock cords
1 - 1/4" x 36" shock cord
4 shock cord mounts
2278 40%\$2.99

LAUNCH LUG PK MSRP \$5.99+
2320 40%\$3.59

ENGINE HOOK ACCY PK MSRP \$5.49+
Contains: hooks for mini engines (1), regular (3), and "E" (2) sized engines. Also includes spacer to allow "D" engines to fit in "E" engine mounts
3143 40%\$3.29

REGULAR ENGINE MOUNT KIT MSRP \$7.49+
Contains: 2-regular engine tubes, 4-AR2050 rings, 2-RA2055 rings, 2-RA2056 rings, 2-RA2060 rings, 2-engine hooks, 2-engine blocks, 2-retainer clips
3158 40%\$4.49

D & E ENGINE Mt Kit MSRP \$8.79+
Contains: 1-"D" engine hook, 2 engine tubes, 4 - AR5055 rings, 2-RA5060 rings, 2-RA5080 rings, 2-"E" engine hooks, 2-retainer rings, 1-"D" engine spacer, 2-engine blocks. and complete instructions
3159 40%\$5.27

LARGE TUBE COUPLER PK MSRP \$6.99+
Contains: 2- BT-55 couplers, 2 BT-56 couplers, 2 BT-60 couplers, 1 BT-80 coupler
3196 40%\$4.19

BODY TUBES

For bulk pricing on BT - 20 & BT - 50 Body tubes see page 13

BT-5 BODY TUBES 4 Pk MSRP \$7.49+
Length 18", inside diameter 0.515", outside diameter 0.541", wall thickness .013", weight .219 oz.
3084 40%\$4.49

BT-20 BODY TUBES 4 Pk MSRP \$8.29+
Length 18", inside diameter 0.710", outside diameter 0.736", wall thickness .013" weight .288 oz.
3085 40%\$4.97

BODY TUBES (CONT.)

BT-50 BODY TUBES 3 PK MSRP \$8.29+
Length 18", inside diameter 0.950", outside diameter 0.976", wall thickness .013" weight .378 oz.
3086 40%\$4.97

BT-55 BODY TUBES 3 PK MSRP \$8.79+
Length 18", inside diameter 1.283", outside diameter 1.325", wall thickness .013" weight .672 oz.
3087 40%\$5.27

BT-60 BODY TUBES 3 PK MSRP \$9.29+
Length 18", inside diameter 1.595", outside diameter 1.637", wall thickness .013" weight .960 oz.
3089 40%\$5.57

BT-80 BODY TUBES 2 PK MSRP \$8.79+
Length 14", diameter 2.6",
3090 40%\$5.27

NOSE CONES

For Bulk pricing on NC-20 and NC-50 see next page!

NC-5 NOSE CONE 5 PK MSRP \$5.49+
3160 40%\$3.29

NC-20 NOSE CONE 4 PK MSRP \$5.49+
3161 40%\$3.29

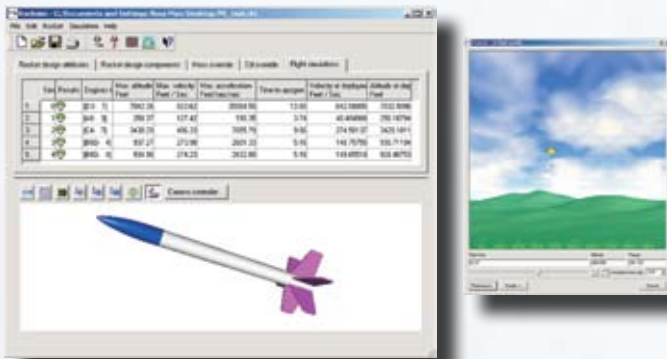
NC-50 NOSE CONE 5 PK MSRP \$6.79+
3162 40%\$4.07

NC-55 NOSE CONE 4 PK MSRP \$7.79+
3163 40%\$4.67

NC-56 NOSE CONE 4 PK MSRP \$7.79+
3164 40%\$4.67

NC-60A NOSE CONE 4 PK MSRP \$8.79+
3165 40%\$5.27

NC-80B NOSE CONE 1 PK MSRP \$4.29+
3168 40%\$2.57



ROCKSIM SOFTWARE FROM APOGEE ROCKETS

Apogee Rockets RockSim is a rocket design and simulation program. It can be used to design model rockets from tiny sizes to ultra-huge monster rockets. RockSim is an easy-to-use software that allows the scratch-build rocketeer to design and test his rocket inventions before he begins construction of the model.

It combines a super simple design interface with the advanced dynamic simulation routines, allowing life-like launch scenarios. Both rocket construction and launch safety are enhanced with this software. Not only is it game-like, but the results are highly accurate. It is used by many universities, defense contractors and government agencies.

No other rocketry software has as much educational value!

MSRP both versions \$180.99

APP1107 Rocksim version 9.0 Windows 98 or newer **\$109.99**
 APP1117 Mac OS X **\$109.99**



TECHNOLOGY EDUCATION ROCKET PACK

From AC Supply and Estes. Designed for Technology Education Teachers. Scratch build your own rocket using authentic Estes components. Requires that the student manufactures his own body tube using materials provided. This rocket can withstand engines up to C6-7 without losing fins or other light duty parts. Lowest cost parachute recovery rocket available. Comes with or without engines.

Specifications

Length: 38.4 cm (15.1in)
 Diameter: 24.8 mm (.976in)
 Weight: 28.1 gm (1.0 oz.)

CAN FLY TO OVER 1000 FT

EST2126	Rocket only	MSRP \$10.19	\$6.60
	100+	MSRP \$10.19	\$6.10
EST2126A	w/A8-3 engine	MSRP \$13.69	\$8.80
	100+	MSRP \$13.69	\$8.20
EST2126B	w/B6-4 engine	MSRP \$13.89	\$8.90
	100+	MSRP \$13.89	\$8.30
EST2126C	w/C6-5 engine	MSRP \$14.19	\$9.10
	100+	MSRP \$14.19	\$8.50

AVAILABLE WITH BALSA FIN MATERIAL

We include 3/32 quality balsa sheets that are the same size as the sheets in stock!

EST2126X	Rocket only Balsa fins	MSRP \$10.75	\$6.95
	100+	MSRP \$10.75	\$6.45
EST2126AX	w/A8-3 engine and Balsa fins	MSRP \$14.25	\$9.15
	100+	MSRP \$14.25	\$8.55
EST2126BX	w/B6-4 engine and Balsa fins	MSRP \$14.45	\$9.25
	100+	MSRP \$14.45	\$8.65
EST2126CX	w/C6-5 engine and Balsa fins	MSRP \$14.55	\$9.45
	100+	MSRP \$14.55	\$8.75

EPOXY (NOTE SUPER GLUES AVAILABLE ON PG. 57)

This 2 part epoxy has a mixing ratio of 1-1 and is very easy to use. Used in projects where extra strength is needed (large scale rockets). The 5 minute version has a working time of 5 minutes and cures solid in 4 hrs. The 30 minute version has a working time of 30 minutes and cures hard in 24 hrs.

ZAPPT36	5 minute 1oz. Easy dual applicator	MSRP \$8.39	\$4.99
ZAPPT37	5 minute 4 oz.	MSRP \$14.29	\$8.49
ZAPPT38	5 minute 8 oz	MSRP \$19.99	\$11.99
ZAPPT39	30 minute 8 oz	MSRP \$19.99	\$11.99

www.acsupplyco.com

email - acsupply@swbell.net

ESTES AIR ROCKETS

New
In stock



ROCKET STAR

New
In stock



ESTES T-BOLT AIR ROCKET LAUNCH SET

Simply twist together the air tubes, stand back and have fun! The T-bolt air rocket requires no assembly and is a blast to launch! High volume launch pump and sturdy launch pad included. made of very durable high grade Plastic.

Length 11.5", Estimated wt. .87 oz, Foam fins, bounce recovery, projected altitude 150 ft, EST1900 Estes T-Bolt Air rocket launch set

MSRP \$36.99..... **\$22.19**

ESTES ROCKET STAR AIR ROCKET LAUNCH SET

Simply attach the foam launch legs to the foam launch base and you are ready to blast off. the Rocket Star air rockets are assembled and just waiting to be launched. Hours of enjoyment for kids of all ages

Includes 2 rockets length 9" and 6.3", bounce recovery, projected altitude 50 ft,

EST1908 Estes Rocket Star Air rocket launch set

MSRP \$14.99..... **\$8.99**



AIR BURSTS ROCKET SYSTEM

Air Burst offers superior rocketry that sends its rockets higher than any non-combustion rockets on earth! Breakthrough membrane boosters enable the rockets to be launched to 5 different altitudes up to over 1,000 feet (clear out of sight)! Few products have ever had more excitement and play value. Air-Burst is powered by just a few pumps from any stand-up bike pump! The rocket designs are so awesome, they are worthy of being collectible. Comes with launcher, two different rockets and 60 membrane boosters! (Bicycle pump required but not included!)

AB001 Air-Burst Rocket System (requires bike pump)

MSRP \$41.99..... **\$29.99**

3+ MSRP \$41.99..... **\$24.99**

AB003 Extra Air-Burst Rockets (2) MSRP \$11.59..... **\$6.99**

AB002 Extra Air-Burst Boosters (60) MSRP \$4.99..... **\$2.99**

(All above prices are end cost, no further discounts allowed!)

BULK ROCKET PARTS

BODY TUBES

ACBT20	BT20 body tube - inside dia. 0.710, outside dia. 0.736" 18" long	
	10 pcs MSRP \$16.59	\$9.99
ACBT50	BT50 body tube - inside dia. 0.950, outside dia. 0.976" 18" long	
	10 pcs MSRP \$17.99	\$10.99

NOSE CONES

Estes Plastic nose cones packed in convenient 10 packs to fit their BT-20 and BT-50 body tubes. Each pack has 10 of the same nose cone. The NC20 is a 2 piece nose cone (10 nose cones and 10 buttons) and the NC50 is a single piece nose cone with a hole pre-drilled for the included screw eye to mount the parachute.

ACNC20	2 pc nose cone 10 complete nose cones	MSRP \$14.99	\$8.99
ACNC50	10 nose cones	MSRP \$16.69	\$9.99

CENTERING RINGS

Estes Heavy duty rings for centering tubes in other tubes or for making custom engine mounts. All of these rings are thick wall green

ACCR0520	Centers BT5 in BT20 tubes or is an engine block for A, B, & C engines	
	20 pk MSRP \$7.19	\$4.35
ACCR2050	Centers BT20 in BT50 tubes	20 pk MSRP \$7.19..... \$4.35

ENGINE HOOKS

EH100 Estes Engine Hooks A, B, C & D engine 10 pk MSRP \$9.49..... **\$5.79**

LAUNCH LUGS

ACLL100	Estes Launch Lugs 1/8" x 2 3/8"	20 per pk MSRP \$8.39..... \$4.99
ACLL200	Estes Launch Lugs 3/16 for maxi rod	20 per pk MSRP \$8.39 ... \$4.99

FINSTOCK

3/32 quality balsa sheets used for making a variety of fins

FIN100	20 PCS PER PK 3/32 x 3 x 6	MSRP \$11.99	\$7.35
AC6303	3/32 x 3 x 36 Balsa (20 PCS)	MSRP \$49.99	\$31.78

No further discounts allowed on the above Bulk Rocket Parts!

This popular activity is an exercise in creative problem solving. Middle school and high school students will be challenged to design and construct their own wooden bridges, then enjoy the thrill of destructive testing. They can then determine their bridge's efficiency to determine the best design.



BRIDGE PACKS BY AC SUPPLY

Manufactured to our high quality standards, these class packs include enough material for 25 students. Each pack includes Balsa** or Basswood**, 1 32oz. bottles of colored wood structured glue, 25 2 oz. bottles with applicator tips, New graph paper, and instructions for each student. The teachers guide "Teaching with Model Bridge Building Programs" is also included.

**Balsa is 1/8 x 1/8 x 24 and Basswood is 3/32 x 3/32 x 24 for easier cutting

BALSAWOOD BRIDGES

MID8661 375 pc 25 pk
MSRP \$118.99.. **\$71.95**

BASS BRIDGES

MID8651 375 pc 25 pk
MSRP \$122.99.. **\$73.95**

Bridge Class Packs by "MIDWEST PRODUCTS"



Packs include enough material for 24 students to build and test their very own bridges. It comes with 360 pcs BALSA* or BASSWOOD**, 24 bottles of glue, 24 sets of instructions, and the teachers guide "Teaching with Model Bridge Building Programs."

MID8650 Basswood** 24 pack MSRP \$112.99. **\$68.95**

MID8660 Balsa* 24 pack MSRP \$119.99..... **\$72.95**

*Balsa is 1/8 x 1/8 x 24 **Basswood is 3/32 x 3/32 x 24

BRIDGE BUILDING DVD

A 12 minute DVD which follows a school class throughout the model bridge building experience. Lecture, design, construction, and destructive testing are surveyed.

MID560 Bridge DVD MSRP \$22.49 **\$12.95**

25% quantity discounts available,
See pgs. 58 - 60 for details

BASSWOOD PIECES

Use these pieces to construct structural bridges or other projects. See wood pages pg. 58 - 60 for more sizes and volume discounts.

All basswood pieces come in 24" lengths.

MID4033	3/32 x 3/32	60 pcs	MSRP \$17.40	\$14.79
MID4044	1/8 x 1/8	48 pcs	MSRP \$13.92	\$11.84
MID4066	1/4 x 1/4	20 pcs	MSRP \$15.80	\$13.43
MID4304	1/8 x 3	15 pcs	MSRP \$32.85	\$27.93
MID4306	1/4 x 3	10 pcs	MSRP \$31.90	\$27.12

BALSA PIECES

Use these pieces to build structural bridges or other projects.

These pieces come in 24" lengths.

36" Balsa available on Balsa page 58.

see "Balsa" section for more sizes and quantity discounts.

MID60332	3/32 x 3/32 x 24"	50 pcs	MSRP \$14.75	\$8.45
MID60442	1/8 x 1/8 x 24"	50 pcs	MSRP \$16.99	\$9.00
MID60662	1/4 x 1/4 x 24"	20 pcs	MSRP \$16.79	\$8.99

Density graded 1/8 x 1/8 x 36 available for competition. See pg 58

www.acsupplyco.com

INTRO TO STRUCTURES & BRIDGES



K'NEX REAL BRIDGE BUILDING

- Build seven 5' long replicas of Real World Bridges. One per bridge type, 2 at a time.
- Includes 2282 pieces to support 6 - 8 students working in teams of 3 - 4.
- Curriculum included offers key features and characteristics of each bridge type, background, information and statistics on each, investigative activities and building challenges for each of the bridge types written to Middle School National Standards in Science and Technology. **Grades 5 - 8.**
- Investigate how different bridge types hold their loads
- Determine and calculate costs involved with Bridge Building
- Explore the history of each of the Real World Bridges

KNX78680 MSRP \$299.99..... **\$179.99**

K'NEX INTRO TO STRUCTURES BRIDGES

- Build 13 different bridge models, one at a time.
- Set includes building instructions with real - life photo and key facts
- Models demonstrate 7 Key bridge types: beam, truss, arch, cantilever, suspension, cable-stayed, and moveable/bascule.
- 207 pieces support 3 students working in a team: **Grades 3 - 6.**
- Comes packaged in a strong plastic storage case with dividers.

KNX78640 MSRP \$53.99 **\$33.99**

BONUS - Teachers guide on CD now included in every Intro to Bridges Set!

ENGINEERING & STRESS ANALYSIS



Free
Sample

MODULE
CONSUMABLE

These 2" x 8" balsa blocks are used in "Engineering and Stress Analysis Module." They have a 3/8" hole drilled in the center. To verify if it is right for you, call for a free sample.

AC6206A	1/4" x 2" x 8" with 3/8" hole	MSRP \$1.89	\$1.19 ea
100 for	MSRP \$1.89	\$1.09 ea	
AC6206AX	1/4" x 2" x 8" without hole	MSRP \$1.39	\$0.94 ea
100 for	MSRP \$1.39	\$0.83 ea	
AC6209A	1/2" x 2" x 8" with 3/8" hole	MSRP \$2.59	\$1.64 ea
100 for	MSRP \$2.59	\$1.53 ea	

CHOPPER



CHOPPER 2



CHOPPER AND DELUXE CHOPPER 2

Use these devices to make exact straight or angle cuts.

NWS4941	Chopper	MSRP \$35.49	\$25.95
3+	MSRP \$35.49	\$22.95	
NWS49154	Replacement blades chopper	8pcs MSRP \$5.49	\$3.35
NWS49164	Replacement blades chopper	75pcs MSRP \$32.99	\$19.99
NWS6941	Deluxe Chopper 2	MSRP \$49.95	\$35.95
3+	MSRP \$49.95	\$31.95	

EASY CUTTER & SUPER EASY CUTTER

This hand-held device is great for making precision mitered cuts. It will cut up to 1/2" balsa or basswood without crushing.

MID1126	Easy Cutter	MSRP \$27.99	\$20.95
3+	MSRP \$27.99	\$17.95	
MID1128	Super Easy Cutter "New style"	MSRP \$23.99	\$16.95
3+	MSRP \$23.99	\$14.95	

LIFT BRIDGE CLASS PACK



LIFT BRIDGE BY MIDWEST PRODUCTS

This kit is a scale model of a "Bascule" bridge. - a drawbridge that has a counterweight that continuously balances the bridge span. It is an excellent subject to use for introducing the concepts of center of balance, equilibrium, and the lever as a simple machine to General Science, Physical Science or Physics students. Quick and easy to build, the kit contains precision laser-cut parts, all hardware, adjustable counterweight and roller platform, and Includes a comprehensive Teachers guide on CD. This guide has a wealth of information including National Science Standards for this product and Lesson plans written for 2 grade levels, 5 - 8 and 6 - 12 Specs: Length - 12.75", width - 4.75", Height - 5.25"

MID8670 12 pc class pk MSRP \$208.99 **\$125.99**
MID86702 Single pk No guide MSRP \$18.79.... **\$11.19**



TOWER CLASS PACK

This class pack introduces students to the design and principles used in constructing towers. It comes complete with enough wood, 1/8 x 1/8" balsa or 3/32 x 3/32 basswood, colored or white tacky glue, B size graph paper, and detailed student guide for each of 24 or 25 students to build a tower.

BASSWOOD 3/32 x 3/32 MSRP \$142.99

TAC8675 Tower w/colored glue 25 pk **\$85.95**

BALSA 1/8 x 1/8

TAC8680 Tower w/colored glue 25 pk

MSRP \$142.99 **\$85.95**

MID8655 Tower w/white glue 24 pk

MSRP \$132.95 **\$76.95**



PLASTIC "CUT ALL" KNIFE

Hexagon shaped knife which won't roll on or off your table. Comes with 1 - #11 blade

EX16034 Cut-all w/cap MSRP \$3.49 **\$2.09**

EX18030 Cut-all w/cap 6 pk MSRP \$20.94..... **\$11.10**

NO.1 KNIFE & GRIPSTER ALL W/ SAFETY CAP

EX16001 No 1 knife MSRP \$3.39 **\$1.99**

EX15001 No 1 knife w/ 5 #11 blades MSRP \$5.19 .. **\$2.99**

EX16018 Gripster anti roll knife MSRP \$6.59..... **\$3.99**

NO.11 REPLACEMENT BLADE

Fits No.1 knife and cutall knife.

EX20011 5 blades MSRP \$3.19 **\$1.99**

EX23011 15 blades MSRP \$7.49 **\$4.55**

EX22611 100 blades MSRP \$47.99 **\$29.96**



TRUSS ROOF BUILDING KIT



A FRAME CABIN



2 STORY TOWNHOUSE

Refill kits
Comes with foam base,
wood, and nails only!



STANDARD FRAMING KIT

IDENTICAL CONSTRUCTION CO.

Framed in accordance with building codes, these homes provide "on-the-job training" in the classroom. Your students will learn the function of each piece of lumber in a wall frame and come to understand a floor plan. Built of balsa to 3/4" = 1' scale, these teaching models include:

- Custom designed mitre jig
- Cutting tools
- Tape measure
- "Nails"
- Layout blue and red pencil
- Work board/display base
- Well written instructions
- A complete set of working drawings
- Lumber sized to dimensions that a building contractor would specify.
- The 2 x 4 stud lumber is precut to length. The other lumber comes in the standard lengths that would come from a lumber yard.

MID550 Standard Framing Kit #100 MSRP \$152.99 **\$94.99**

Volume price * 4 assorted pcs **\$91.99**

MID550RF** Refill kit foam base, wood and nails **\$80.99**

MID551 Truss Roof Building Kit #104 MSRP \$152.99 **\$94.99**

Volume price * 4 assorted pcs **\$91.99**

MID551RF** Refill kit foam base, wood and nails **\$80.99**

MID552 2 Story Townhouse Kit #105 MSRP \$152.99 **\$94.99**

Volume price * 4 assorted pcs **\$91.99**

MID552RF** Refill kit foam base, wood and nails **\$80.99**

MID553 A Frame Cabin Kit #101 MSRP \$152.99..... **\$94.99**

Volume price * 4 assorted pcs **\$91.99**

MID553RF** Refill kit foam base, wood and nails **\$80.99**

****ALL REFILL KITS COME WITH FOAM BASE, WOOD AND NAILS ONLY**

MSRP ON REFILLS IS \$129.99!

* Volume price received when 4 or more assorted house framing kits are ordered to one location.

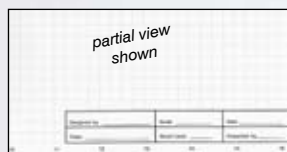


MITRE BOX SET

Slotted sides guide saw to make accurate mitre joints. Grooved base holds wood in place when sawing. Includes: Mitre box, #5 handle, & saw
EX55666 MSRP \$24.99..... **\$15.56**

KNIFE AND TOOL SET

For cutting wood, board, paper, plastic, film/acetate, and cloth. Includes No.1 knife with No.11 blade, No.2 knife with No.2 blade, No.5 knife with No.19 blade, and 10 assorted blades in a classy wood case
EX44282 MSRP \$25.99..... **\$16.96**



GRID PAPER

"B" size graph paper with 1/4" grids used in our bridge building class packs, 11 x 17 in size. New version with name block!
100pcs shrunk wrap in a pack.
GRP100 MSRP \$18.99 **\$11.99**

RAZOR SAW SET

Comes with fine, and coarse blades, as well as No.5 handle. Handle shown in mitre box set to the left.

EX55670 Razor saw set MSRP \$18.69 **\$9.95**

"T" - PINS

Use these nifty T shaped pins for holding down wood on projects without destroying your finger tips. Made of thin material so as to not make large holes in your project.

AC252 T pins 100 pcs MSRP \$7.49..... **\$4.47**



GRIP PINS

Use these nifty pins for holding down wood on projects without having to pierce the wood. Wide shoulder holds bridge corners, tower assemblies or wing ribs 2 and 3 pieces at a time.

MID587 Grip Pins 50 pcs MSRP \$9.49 **\$5.87**

DRAGSTER KITS



CO₂ DRAGSTERS

CARTRIDGE INCLUDED!

All packaged cars now come in reusable boxes

METRIC/LSRAV DRAGSTER

Our dragster kits meet all TSA rules, complete with the following:

- 1 Body blank
12" x 1-5/8" x 2-3/4" (tapered) pre-drilled for CO₂ cartridge
- 1 Styrofoam blank (optional)
- 2 Rear wheels
- 2 Front wheels
- 2 Axles
- 1 8gr CO₂ cartridge (compatible with all current "starters")
- 4 Brass washers
- 2 screw eyes
- 1 Plastic straw
- 1pc Sandpaper
- 1 Instruction booklet (covers both Metric and LSRAV dragsters)
- 1 Storage box

BASSWOOD KITS (12")

ACM150	Metric/LSRAV kit	MSRP \$8.29	\$4.99ea
100 +	MSRP \$8.29		\$4.89ea
ACM1509	Metric/LSRAV w/o foam	MSRP 7.79	\$4.79ea
100 +	MSRP \$7.79		\$4.69ea

BALSA KITS (12")

ACM250	Metric/LSRAV kit	MSRP \$9.39	\$5.69ea
100 +	MSRP \$9.39		\$5.59ea
ACM2509	Metric/LSRAV w/o foam	MSRP \$8.99	\$5.49ea
100 +	MSRP \$8.99		\$5.39ea

METRIC 200 DRAGSTERS

A shorter, lighter version of our popular metric dragster. The only difference is the body is 100 mm shorter than our standard metric dragster. Bodies come pre-drilled!

BASSWOOD KITS (8")

ACM3209	Metric 200 w/o foam	MSRP \$8.69	\$5.29 ea
100 +	MSRP \$8.69		\$5.09 ea

BALSA KITS (8")

ACM4209	Metric 200 w/o foam	MSRP \$8.79	\$5.39 ea
100 +	MSRP \$8.79		\$5.19 ea

Dragster 50 PACKS

Material to make 50 CO₂ dragsters or LSRAV cars.

Packs include:

50 12" body blanks, 50 pcs foam (optional),
100 axles, 200 washers, 100 screw eyes
100 rear wheels, 100 front wheels, 50 cartridges,
50 straws, 50 sheets sandpaper, Instruction
booklets (graph sheets enclosed), all packed in bulk.

**Instruction booklets (with graph paper)
cover both Metric and LsraV versions**

ACM1550	Bass Metric Dragster w/foam	MSRP \$389.95	\$226.99
ACM1550A	" W/O CARTRIDGES	MSRP \$359.99	\$206.95
ACM1559	Bass Metric Dragster w/o foam	\$365.95	\$209.95
ACM1559A	" W/O CARTRIDGES	MSRP \$320.95	\$189.95
ACM2550	Balsa Metric Dragster w/foam	MSRP \$459.95	\$267.95
ACM2550A	" W/O CARTRIDGES	MSRP \$429.95	\$247.95
ACM2559	Balsa Metric Dragster w/o foam	MSRP \$436.95	\$255.95
ACM2559A	" W/O CARTRIDGES	MSRP \$399.95	\$235.95

PEEL AND STICK DECAL FOR DRAGSTERS AND ROCKETS

More decals available on pg.18.

BONUS!

Order 12 assorted: Take an extra 25% off 12 assorted decals or Woodland Scenics items!
This includes peel and stick and rub-on decals
This includes all WOO numbers including decals and scenery

Check out our web site to view these and all decals in larger pics
www.acsupplyco.com



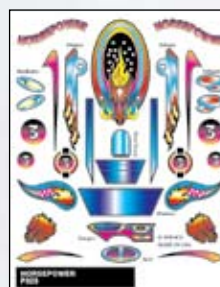
WOO320
MSRP \$6.69**\$3.99**



WOO321
MSRP \$6.69**\$3.99**



WOO322
MSRP \$6.69**\$3.99**



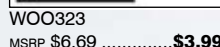
WOO323
MSRP \$6.69**\$3.99**



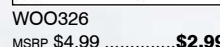
WOO324
MSRP \$4.99**\$2.99**



WOO325
MSRP \$4.99**\$2.99**



WOO326
MSRP \$4.99**\$2.99**



WOO327
MSRP \$4.99**\$2.99**



BASSWOOD

Pre-drilled for CO₂ cartridge

AC501	12" x 1-5/8" x 2-3/4"	MSRP \$3.75	\$2.39
100 +			\$2.29
AC5115	8" x 1-1/2" x 2-3/4"	MSRP \$4.19	\$2.69
100 +			\$2.59

BALSA

Pre-drilled for CO₂ cartridge

AC502	12" x 1-5/8" x 2-3/4"	MSRP \$4.89	\$3.09
100 +			\$2.99
AC5125	8" x 1-1/2" x 2-3/4"	MSRP \$4.89	\$3.09
100 +			\$2.89

FOAM BODY BLANKS

A copy of a 12" body blank to be used to design your prototype.

FBB12	12" foam body blank	MSRP \$.69	\$.39 ea
-------	---------------------	-------------	------------------



FOAM CUTTER

Electric hand held foam cutter. Great for making cars or wings for planes. They have about a 3" spread between the wires!

WOO1435	AC electric hot wire cutter	MSRP \$59.99	\$39.95
WOO1436	Replacement wire for WOO1435	MSRP \$4.99	\$2.98



HOT KNIFE

This hot knife can be used to cut foam with the included #11 blade. It can also be used as a soldering iron. (tip included)

XAC73780	MSRP \$29.99	\$17.98
----------	--------------	----------------

LUBRICANTS

GRAPHITE

The very best lubricant for dragsters. Use powdered graphite to reduce drag on axles. A must for serious racers!

WOO358	Tube graphite	MSRP \$5.99	\$3.99
--------	---------------	-------------	---------------

WHITE TEFLON

Another slick lubricant used when black graphite is too messy!

WOO355	White teflon w/molybdenum	MSRP \$5.99	\$3.99
--------	---------------------------	-------------	---------------



WHEELS

APL180	Spoke-type front wheels	100 pcs	MSRP \$18.19	\$10.99 pk
APL250	Spoke-type rear wheels	100 pcs	MSRP \$18.19	\$10.99 pk

AXLES

AXL180	1/8" - 2 1/2" long	1/8 axle	100 pcs	MSRP \$4.89	\$3.29 pk
		10 packs			\$2.86 pk
AXL1801	1/8" - 2 1/4" long	1/8 axle	100 pcs	MSRP \$4.89	\$3.29 pk
		10 packs			\$2.86 pk

SCREW EYES

SCR100	1/4" Normal	100 pcs	MSRP \$5.49	\$3.49 pk
		10 packs		\$3.39 pk

BRASS WASHERS

BRW100	#6	100 pcs	MSRP \$4.09	\$2.55pk
		10 packs		\$2.45 pk

PARTS BAG

Includes: 2 ea front and rear spoke wheels, 4 brass washers, 2 screw eyes, 1 ea front and rear axle, 1 CO₂ 8 gram cartridge.

The same bag that comes with our cars.

PBG100	Parts bag	MSRP \$2.59	\$1.79 ea
	100 lots		\$1.65 ea
PBG200	Parts bag without CO2 cartridge	MSRP \$2.15	\$1.49 ea
	100 lots		\$1.39 ea



CO₂ CARTRIDGES

8 gram CO₂ cartridges used in our metric dragster. This cartridge has the industry standard heat safety seal. 100% guaranteed to work with all starting gates!

ACR800	8 gram cartridge	MSRP \$.79	\$.51 ea
ACR8100	100 pack	MSRP \$75.99	\$44.99 pk

STRAWS

STR500	Box of 500	Straws	500 ct	MSRP \$8.29	\$4.95 bx
--------	------------	--------	--------	-------------	------------------

DRAGSTER STORAGE BOXES

These are the same sturdy white corrugated boxes used in our new kits. They open from both ends, not on top or bottom, so they hold small parts better. These sturdy boxes are not made out of flimsy chipboard, but strong E flute white cardboard!

DRB100	Dragster box	MSRP \$1.19	\$.66
--------	--------------	-------------	---------------

DRAGSTER INSTRUCTION BOOKS

The same dragster instruction books used in our CO₂ dragsters

ACM5000	Dragster instruction book	MSRP \$1.19	\$.63
---------	---------------------------	-------------	---------------

FOR COMPLETE LISTING OF ALL PINECAR ITEMS
SEE OUR WEB PAGE WWW.ACSUPPLYCO.COM

COLORFUL RUB-ON DECALS FOR CARS AND ROCKETS



Pinecar dry transfers are quick and easy.
Here's all you have to do!

- Position decal sheet on car
- Rub over decal with a pencil
- Remove decal sheet
- Decal stays on car or rocket

These multicolored rub-on dry transfers are the quickest and easiest way to finish decorating your dragster, rocket or any vehicle. All that is required is to rub with a dull pencil or burnishing tool.

p306, p307, p314-p319 (4" x 5") multi-colored MSRP \$8.99.....**\$5.49 ea**
p308 - p313 (4 x 2.5") multi-colored MSRP \$6.39.....**\$3.89 ea**



WOO306
Spponsors & Numbers



WOO307
Stripes & Flames



WOO316 Drag Racer



WOO308 Dragonfire



WOO310 Magnum



WOO312 Spyder



WOO314 Hot Rod



WOO309 Cobra



WOO311 Stinger



WOO313 Turbo



WOO315 Off Road



WOO319 Formula



WOO317 Nascar



WOO318
Custom Designs

PINECAR BASIC AND DELUXE CAR KITS

Basic kit contains wood block, wheels and axles, and complete instructions. Deluxe car kit contains one of six precut, unfinished car designs, rub - on decals, incremental weights, wheels and axles, cast metal custom parts such as headers, engines, and pipes. step-by-step illustrated instructions for assembly and finishing. All precut kits start with the same specifications to ensure fair competition.

BONUS!

ORDER 12 OR MORE ASSORTED WOO NUMBERS
AND RECEIVE 25% OFF THE REGULAR COST.
THIS INCLUDES ALL WOO NUMBERS INCLUDING DECALS
MAY NOT BE COMBINED WITH ANY OTHER OFFERS



WOO370 Basic Car Kit
MSRP \$6.59**\$3.99**

WOO371 Funny Car
MSRP \$19.99**\$12.99**

WOO4052 Funny Car - 6 pack
MSRP \$59.99**\$34.99**



WOO372 Form Gran Prix
MSRP \$19.99**\$12.99**

WOO4053 Form Gran Prix 6 pack
MSRP \$59.99**\$34.99**



WOO373 Roadster
MSRP \$19.99**\$12.99**

WOO4054 Roadster - 6 pack
MSRP \$59.99**\$34.99**



WOO374 Bandit Coupe
MSRP \$19.99**\$12.99**

WOO4055 Bandit Coupe - 6 pack
MSRP \$59.99**\$34.99**



WOO375 GTS Ferrari
MSRP \$19.99**\$12.99**

WOO4056 GTS Ferrari - 6 pack
MSRP \$59.99**\$34.99**



WOO376 Sling Dragster
MSRP \$19.99**\$12.99**

WOO4057 Sling Dragster 6 - pack
MSRP \$59.99**\$34.99**

BURNISHING TOOL

Used to apply dry transfer decals.

WOO600 Burnishing tool MSRP \$8.99..... **\$5.98**

PAINT FINISHING KITS

Included are sealer/paint, gloss finish, sandpaper (3 grades) paint applicator, sanding block, instructions \$14.79..... **\$8.89**

Color Choices

WOO401 White	WOO407 Orange
WOO402 Phantom Gray	WOO408 Daytona Blue
WOO403 Indy Blue	WOO409 Comp Blue
WOO404 Flame Red	WOO410 Purple
WOO405 GT Gray	WOO411 Baja Yellow
WOO406 Voo doo Black	WOO412 Racing Green

30 PC CLASS PACK



WHITE WINGS COMPETITION KIT

Materials to make 30 Sky Cub II racers
30 sets of easy-to-understand student instructions
A teacher's manual with target game to fine tune the finished gliders. The teacher's manual features a well-designed lesson plan that groups tasks into easily digestible stages.
A complete Whitewings lesson covers everything from basic aircraft vocabulary and flight principles to assembly, tuning and launching.

WWAG5000 Competition kit MSRP \$71.99 **\$47.95**
6+ **\$44.93**

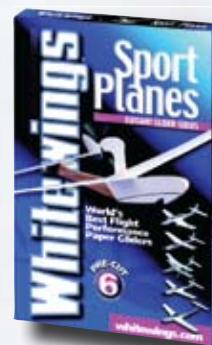
SIX PLANE SETS



JET PLANES 6 - MODEL KITS

Part of a Sonic Glider Series, these jets are realistically designed and are as suitable for display as they are for flying. All six are precut and includes:
* 6 Balsa/fiber precut jet planes
* 24 page flight manual
* catapult launcher

WWAG666 Jet Planes Sonic 6 pk MSRP \$25.99 **\$14.93**



SPORT PLANES 6 - MODEL KITS

Part of a Sonic Glider Series, these sport planes are realistically designed and are as suitable for display as they are for flying. All six are precut and includes:

- * 6 Balsa/fiber precut jet planes
- * 24 page flight manual
- * catapult launcher

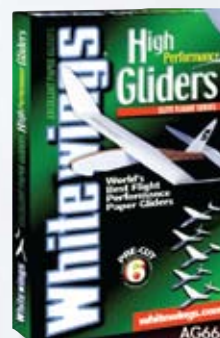
WWAG665 Sport Planes MSRP \$25.99 **\$14.93**

MIDWEST CATAPULT GLIDER

"CATAPULT GLIDER" FROM MIDWEST PRODUCTS
Meets NEW national "Flight Challenge"
Technology Competition Rules.

Designed by national event coordinator "Tom Sanders," this Catapult Glider comes with a world class instruction manual so your student can have the winning edge! Polyhedral wing tip design makes this one a winner!

MID7150	Kit comes complete with wood blanks (legal to make 300mm max fuse and wing, and tail assemblies), B size graph paper, and (1) instruction manual.	
	24 kits per pack MSRP \$113.99	\$65.72
MID7151	Wood consumables pack, no manual.	
	24 kits per pk MSRP \$83.99	\$45.97
MID7152	Catapult construction kit (to make 1 catapult)	
	MSRP \$30.99	\$19.25



HIGH PERFORMANCE GLIDERS 6 - MODEL KITS

Part of a Sonic Glider Series, these high performance gliders are realistically designed and are as suitable for display as they are for flying. All six are precut and includes:

- * 6 Balsa/fiber precut jet planes
- * 24 page flight manual
- * catapult launcher

WWAG664 High Performance Gliders MSRP \$25.99 **\$14.93**

Projects by

Module
Consumable**MIDWEST PRODUCTS****DELTA DART** Grades 3 +

Our most popular teaching tool for a quarter of a century, the Delta Dart features bilingual (English/Spanish) instructions and an improved prop assembly. Includes "Teaching with Model Airplanes" Teachers Guide.

Specs:

Wingspan 290 mm
Fuselage length 295 mm
Propeller diameter 152 mm
Weight 13 gms
Wing/loading 00054

MID510 35pk MSRP \$69.99.... **\$42.32**MID3950 1pk MSRP \$8.19..... **\$4.99**MID370 Replacement rubber motors
35 pcs MSRP \$8.29.... **\$4.99****SUPER DELTA DART** Grades 6+

The big brother to our popular Delta Dart. This new version gives longer flight duration, has stronger framing, and moveable/removable wing for center of gravity experimentation. Construction is similar to the Delta Dart. It also has bilingual (English, Spanish) instructions. Uses 1/8" Rubber for power Teachers Guide included.

Specs:

Wingspan 545 mm
Fuselage length 380 mm
Propeller diameter 152 mm
Weight 18 gms
Wing/loading 00046

MID509 24pk MSRP \$109.99. **\$66.49**MID50902 1pk MSRP \$16.99..... **\$10.19**MID378 Replacement rubber motors
1/8" x 48' for 509
MSRP \$13.99..... **\$8.39****STAR GLIDER** Grades 3 +

An economical first step in aviation science. 35 students are each supplied with two gliders to build. Teachers Guide included.

MID505 35 double pk

MSRP \$72.99 **\$40.32****SAMPLE PACK**

Contains 1 each of model: 501, 502, 505, 509, 510, 51401

MID520 8pk MSRP \$64.99..... **\$39.92****THE WRIGHT BAT**

This helicopter was the Wright inspiration. It was given to the Wright brothers when they were 8 & 12. Product includes history of Wright Brothers.

No cutting or gluing required! **Ages 8+**MID52202 1 pc MSRP \$13.49..... **\$7.49**MID52201 8pk MSRP \$54.99..... **\$32.99**NATIONAL EVENT
WINNER!**SHOEBBOX R.O.G.** Grades 6+

Designed to fly indoors, can fly outdoors too! Features; Easy construction with complete instructions, Light but sturdy design, Easy to adjust wings for flying success, Easily stores in a shoobox when complete, Teachers Guide included.

Specs:

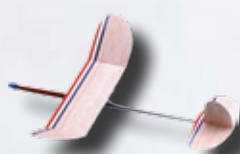
Wingspan 310 mm
Fuselage length 300 mm
Propeller diameter 152 mm
Weight 11 gms
Wing/loading 00048

MID51401 8pk MSRP \$54.99..... **\$33.29**MID51402 1pk MSRP \$16.99..... **\$10.19**MID379 replacement rubber motors
for Shoobox 35 pcs
MSRP \$12.99..... **\$7.99****RIGHT FLYER** grades 6+

The big brother to the former ROGUE, Right Flyer builds easy, quick and is durable, allowing for indoor and outdoor flight. Students can experiment with landing gear (included), switching between hand launched and ground launched flight. Wing is moveable and removable. Uses 1/8" Rubber for power!

Specs:

Wingspan 485 mm
Fuselage length 380 mm
Propeller diameter 152 mm
Weight 18 gms
Wing/loading 00043

MID501 24 pk MSRP \$149.99 **\$93.93**MID50101 8 pk MSRP \$65.99.... **\$41.78**MID50103 2 pk MSRP \$21.49.... **\$12.99**MID378 replacement rubber motors
1/8" x 48' for 501
MSRP \$13.99..... **\$8.39****FLIP GLIDER** Grades 6+

The 13" span Flip Glider features wing tip dihedral for stability, and an airfoil that your students sand to shape for optimal lift.

Teachers Guide included.

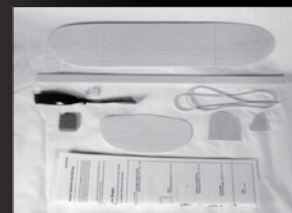
MID502 35pk MSRP \$122.99 **\$73.99**MID50202 1pk MSRP \$13.99..... **\$8.89****EASY SPIN**

The Easy Spin is a hands-on interactive teaching device that allows students to better understand the relationship between pitch and lift.

Ages 8 and up

MID52102 1 pc MSRP \$4.29..... **\$2.59**MID52101 8 pk MSRP \$20.99..... **\$12.99****FLIGHT SIMULATION**

MODULE CONSUMABLES

MILLENNIUM TRIM TABS INCLUDEDModule
ConsumableFREE
SAMPLE**MILLENNIUM**

All wood outdoor rubber model with outstanding performance and teaching capabilities! Easy to build. Kit contains: fuselage, wing and tail sections, prop and rubber motor, clay for balancing, trim tabs, and instructions.

Requires about 1 hour total build time. Each kit individually bagged!

CIM2000 Millennium kit MSRP \$7.99ea **\$5.29**
100 +ea **\$4.79**

WHIZZER GLIDER KITModule
Consumable**"GLIDER KIT" WHIZZER** by DARE Design

An easy to assemble, great flying, all wood, rubber powered model, used in FLIGHT modules in many tech classes.

DARELF102 Whizzer kit w/booklet MSRP \$10.99..... **\$9.95**
100 + **\$9.45**

Module
Consumable**WHITE WINGS COMPETITION KIT**

Materials to make 30 Sky Cub II racers

30 sets of easy-to-understand student instructions

A teacher's manual A target game to fine tune the finished gliders. The teacher's manual features a well-designed lesson plan that groups tasks into easily digestible stages.

A complete Whitewings lesson covers everything from basic plane vocabulary and flight principles to assembly, tuning and launching.

WWAG5000 Competition kit MSRP \$71.99 **\$47.95**
6+ **\$44.93**

COMPETITION AIRCRAFT

Can be used in Science Olympiad B and C divisions
with slight modification

High performance competition rubber model.

Flights over 3 minutes stock!

**"SORCERER"**

another winning design from Midwest Products

Designed by SO National Aerospace Supervisor Tom Sanders, specifically for middle and high school Science Olympiad events, and TSA events. For rules on SO "B Division Wright Stuff" and "C Division Wright Stuff R.O.G." and Technology Student Associations TSA "Flight Endurance" competitions visit their respective web sites (www.SOinc.org and www.tsa.org)

The "Sorcerer" capable of 3+ minute flights, is designed to give the novice a chance right out of the box. Hooked up with some of the competition accessories below it could be unbeatable. Check the extensive feature list to see why this plane is a winner! Uses 3/32" Rubber for power

MID525 Sorcerer 2 pack material for 2 planes (1 plan)
MSRP \$52.99..... **\$31.95**

COMPETITION RUBBER MOTOR MATERIAL AND LUBE

TAN SUPER SPORT RUBBER MATERIAL

A must for
competition

**FAI RUBBER FOR SKYSTREAKS AND
OTHER COMPETITION MODELS****Indoors**

Use 3/32" rubber when flying Skystreaks Indoors

Note: for Skystreaks cut motors to 21" length

Number of 21" lengths that be made with specified
lengths in ()

Mid377	3/32" x 48'	(27)	MSRP \$11.99	\$7.49
AC1701	3/32" 1/2lb	- 263 ft (150)	MSRP \$24.99	\$15.95
AC1711	3/32" 1lb	- 527 ft (301)	MSRP \$40.99	\$25.95
AC1721	3/32" 10lb	- 5270 ft (3010)		
	MSRP \$299.99			\$184.95

Outdoors

Use 1/8" rubber when flying Skystreaks Outdoors

Note: for Skystreaks cut motors to 21" length

Number of 21" lengths that be made with specified
lengths in ()

Mid378	1/8" x 48'	(27)	MSRP \$13.99	\$8.39
AC1702	1/8" 1/2lb	- 225 ft (128)	MSRP \$24.99	\$15.95
AC1712	1/8" 1lb	- 450 ft (257)	MSRP \$40.99	\$25.95
AC1722	1/8" 10lb	- 4500 ft (2570)		
	MSRP \$299.99			\$184.95

REPLACEMENT RUBBER MATERIAL

MID376	1/16" x 48'	MSRP \$10.99	\$6.75
MID379	3/32" cut into 12" loops	35 pcs	
	MSRP \$12.99		\$7.99

24 pieces of rubber used in the Millennium or Super Delta Dart.

CIM9902	MSRP \$8.25	\$4.95
---------	-------------	---------------

35 pieces of shorter rubber used on the Delta Darts, and shoebox ROG.

MID370	35 pcs for Delta Dart	MSRP \$8.29	\$4.99
MID379	35 pcs for Shoebox R.O.G.		
	MSRP \$12.99		\$7.99

RUBBER LUBE

A few drops of this nontoxic lube in a zip lock bag is all that is needed to prolong the life of a rubber motor and to increase the number of winds a rubber motor can accept. This is a must for getting the most performance out of your motor, or when using 2 pieces of rubber on the same model.

CIM9901	Enough for 25 models	MSRP \$8.99	\$5.95
---------	----------------------	-------------	---------------

**RUBBER BANDS, PROPS, AND WHEELS FROM GUILLOWS**

GUI111	3/4" Plastic wheel	8 pcs	MSRP \$3.99	\$2.53
GUI112	1" Plastic wheel	8 pcs	MSRP \$3.99	\$2.53
GUI113	1" Plastic half wheel	(8 halves)	MSRP \$4.49	\$2.74
GUI114	1 1/2" Plastic half wheel	(8 halves)	MSRP \$4.49	\$2.74
GUI115	1 3/4" Plastic half wheel	(8 halves)	MSRP \$4.79	\$2.87
GUI116	2" Plastic half wheel	(8 halves)	MSRP \$4.79	\$2.87
GUI117	5" Plastic prop for rubber models	3 pcs	MSRP \$3.99	\$2.53
GUI118	6" Plastic prop for rubber models	3 pcs	MSRP \$4.49	\$2.74
GUI119	7" x 3/32" Rubber Band	12 pcs	MSRP \$5.39	\$3.25
GUI120	8" x 3/16" Rubber band	12 pcs	MSRP \$6.29	\$3.87
GUI121	96" x .03" x 3/16" Rubber thread	1 pc	MSRP \$3.99	\$2.53
GUI122	15" x 35" White tissue	2 pcs	MSRP \$6.29	\$3.87
GUI123	2 1/2" x .04 Prop shaft	4 shafts	MSRP \$3.99	\$2.53
GUI124	5/16" x 1/2" Thrust bearings	4 pcs	MSRP \$3.99	\$2.53
GUI125	4" Plastic prop for rubber models	3 pcs	MSRP \$3.99	\$2.53
GUI126	4" Plastic prop for electric models	3 pcs	MSRP \$6.29	\$3.87



15-1 Winder



5 - 1 winder
AC1009

RUBBER WINDERS

A must for the serious competitor. These winders make winding your model a breeze. For every turn on the crank, the rubber motor turns 5, 10, or 15 times depending on the model you have. The 15 - 1 comes with laser cut basswood handle for right or left handers.

AC1009	5 - 1 Winder	MSRP \$10.49	\$6.35
AC1010	10 - 1 Winder	MSRP \$28.29	\$16.95
MID388	15 - 1 Winder	MSRP \$39.99	\$24.95
	3 or more 15 - 1 Winders each		\$22.46

REPLACEMENT PROPS

6" props legal for all national events. The same prop used in the Delta Dart, Super Delta Dart, Right Flyer, Millennium, and other airplanes.

MID380	35 pcs per pk	MSRP \$16.99	\$10.75
--------	---------------	--------------	----------------

5 - 1/2" replacement prop assemblies for Delta Dart and Shoebox R.O.G.

MID382	35 pcs per pk	MSRP \$16.99	\$10.75
--------	---------------	--------------	----------------

MODEL CEMENT

All sizes 5/8oz. Used for wood to wood, or wood to tissue. Great for balsa models.

TES35031	Extra fast drying ea	MSRP \$2.99	\$2.19
TES3503	24 ct	MSRP \$71.76	\$42.21
TES35051	Extra strong ea	MSRP \$2.99	\$2.19
TES3505	24 ct	MSRP \$71.76	\$42.21

GLUE STICKS

Used for bonding tissue to tissue, or tissue to wood such as in stick & tissue airplanes, kites, or balloon projects.

ACC5121	.21 oz glue stick	MSRP \$1.69	\$.99
ACC5175	.75 oz glue stick	MSRP \$3.69	\$2.15
ACC5225	1.25 oz glue stick	MSRP \$5.99	\$3.99

**PRE-MADE LANDING GEAR &
BULK WHEELS**

Landing gear wire prebent as shown in the picture. Compatible with #MID380 for use on ROG type rubber models. Available separately or with 3/4" red plastic wheels attached. Wheels also available separately in bulk

ACLG10	Prebent wire w/2 wheels	50pcs	
	MSRP \$33.99		\$20.95
ACLG11	Prebent wire only	50 pcs	
	MSRP \$14.99		\$9.50
ACW100	3/4" plastic wheels	100pcs	
	MSRP \$18.29		\$10.97

H.O.T.

Hands On Throttle
Electric Powered Wire-Controlled
Model Plane System

Can be used indoors or outdoors
only requires 10 foot circle.

- Variable AC speed control
- Pole height can be varied from one, two or three feet
- Comes complete with excellent flying P-51 Mustang
- Glue provided
- Used as basis of HOT KITS Aerodynamic System



Replacement Props for

TSH1000 HOT System

These are replacement props for the Hot system Mustang (TSH1000) only supplied with the kit to the left. They also work on electric bostonian models!

Satisfaction 100% guaranteed

Tshpr02 3 props

MSRP \$6.39..... **\$3.95**

Tshpr12 12 props

MSRP \$19.99..... **\$12.00**



This hands-on throttle control system can be used to teach your students about aerodynamics. The electric Mustang supplied in the kit is simple to build and flies tremendously. Use it as guidelines for the students to build their own planes from the HOT KITS. Trigger controls on the joystick give variable speed along with a supplied cruise control. AC/DC operation (AC power supply supplied). Precision machined components make this device last through thousands of flights.

Requires about 10-12 foot diameter circle for setup. May also be used indoors or outdoors.

TSH1000 Hot Control System W/P51 Mustang MSRP \$209.99 **\$149.95**
3+ **\$124.95**

AROUND-THE-POLE FLIGHT SYSTEM

Kits come with enough material to build 5 Condor and 5 Hawk airplanes
Materials content: Balsa wood, tissue, electric motors, capacitors, props, wheels, screw eyes, 5 Around-the-pole activity books, (each book builds 2 airplanes).
Does not include power pole or power supply.

Note: These kits are 100% compatible with other manufacturer's around-the-pole flight systems!

PFS1500 10 pack kits MSRP \$139.99 **\$79.95**

MRC1370 Power supply MSRP \$64.99 **\$39.95**

Around-the-Pole Flight activity book. Each book supplies two students with the instructions to build the Hawk and Condor around-the-pole flight planes.

PFS2000 Activity book (1 book per 2 students) MSRP \$9.99..... **\$6.00**



Power supply
not included

Check our website
for Hot "NEW"
products!



MOTORS

Mabuchi 260 electric motor

MAB260 Motor MSRP \$.99 ..\$.75 ea

36\$.65 ea

144+\$.55 ea



PROPS

These props press fit on our motor along with other peoples motors. They are much more efficient than the other guy's toy 3 bladed prop. **Try one on us. Call 1-800-536-0238 and ask for a TSHPR01 sample.**

TSHPR01 4 1/8" prop MSRP \$1.89 .. **\$1.75 ea**
12+ **\$1.10 ea**



GUI501 P-40 Warhawk



GUI502 Focke-Wulf FW-190



GUI503 Grumman F6F Hellcat



GUI504 Supermarine Spitfire



GUI505 Messerschmitt BF-109



GUI506 Hawker Hurricane



GUI507 Nakajima A6M-N Rufe



GUI508 Junkers JU-87B Stuka



GUI509 Grumman TBF Avenger

500 SERIES

AUTHENTIC SCALE

\$9⁸⁰ EA
MSRP \$16.39

WORLD WAR 2 MODELS

16½" wing span rubber, powered flying models. Kits contain die cut balsa parts, plastic cowls and canopies, decals, prop, wheels, tissue and 24 page model building booklet. **Requires model cement for completion. Purchased separately. (available on page 57)**
Grades 5 and up

SUPER DETAILED SCALE MODELS

Beauties in Balsa - from the famous PT-17 to the latest release - the Spirit of St. Louis. Each model is a small but faithful replica of an airplane widely known for deeds in wartime or, like the Cessna Skyhawk, for its present day popularity. Here is model building worthy of the time and effort - no finer kits available.

800 SERIES

\$37.⁹³ - \$47⁹³



DOUGLAS DC-3

This historic DC-3 is designed to be built as a build 'n show display model. It can also be built as a C-47, decals and instructions to build either one are included.

GUI804 Douglas DC-3 span 24"
MSRP \$79.89your cost **\$47.93**

AIR HOGS - REAL FLYING AIR PRESSURE PLANE!



FLIES OVER 100 YARDS - A FOOTBALL FIELD
NO FUEL OR BATTERIES REQUIRED.
SAFE! USES AIR POWER.
CLIMBS, LOOPS, & HAIRPINS!

AHGCOMBO 1 each: P-40 and Lazer MSRP \$99.99**\$62.95**



GUI801 Sopwith Camel span 28"
MSRP \$63.29your cost **\$37.93**



GUI802 Cessna Skyhawk span 36"
MSRP \$63.29your cost **\$37.93**



GUI803 Stearman Pt-17 span 28"
MSRP \$63.29your cost **\$37.93**



GUI805 B-25 Mitchell span 26.5"
MSRP \$63.29your cost **\$37.93**



GUI807 Spirit of St. Louis span 25"
MSRP \$63.29your cost **\$37.93**



X-ZYLO

The incredible flying gyroscope that has been thrown the length of two football fields. Rated the best flying toy in an MIT university field test.

HANG GLIDER JACK

It's a unique flying replica of a real hang glider. It folds up, launches sky high, and pops open to soar and glide to the ground.

MAPLE SEED COPTER

It's designed to look like a maple seed. Easy to launch, it's not only fun but educational.

WM2001	X-zylo "Ultra" MSRP \$10.99	\$6.95
WM5001	X-zylo "Glow in the Dark" MSRP \$15.99	\$9.95
WM6001	X-zylo light MSRP MSRP \$5.99	\$3.95
WMHGJ001	Hang Glider Jack MSRP \$19.99	\$12.95
WMGMF001	Maple Seed Copter MSRP \$10.99	\$6.95



GUI901 North America T-28 Trojan



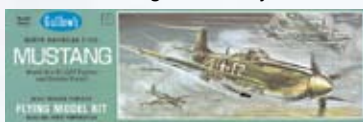
GUI902 Cessna O-1 Bird Dog



GUI903 Dehavilland Chipmunk



GUI904 Douglas A1H Skyraider



GUI905 No. America P-51 Mustang



GUI906 Hawker Typhoon 1B

900 SERIES
Wingspan 16-18"

\$8.46 EA
MSRP \$14.19

EASY TO BUILD STICK AND TISSUE FLYING SCALE MODELS

Sleek rubber powered models for indoor or outdoor flying. Built light, they are great flyers with ample wing areas and effective motor/propeller combinations. Kit contains top quality balsa, plastic nose cowls, canopies and insignia.

Grades 5 + Approx 2-3 hrs build time.



GUI401 Messerschmitt Bf-109 span 24"



GUI402 P-51 Mustang span 27 3/4"



GUI403 Supermarine Spitfire span 27"



GUI404 Mitsubishi Zero span 27"



GUI405 P-40 Warhawk span 28"



GUI406 Focke-wulf FW-190 span 25"

400 SERIES Wingspan 25-27" Now Laser Cut! STICK AND TISSUE FIGHTERS OF WW2

Great projects for 2 or more people. The ultimate in scale design and construction. Grades 7+ Approx build time 2 hours (2 people).

\$35.25
MSRP \$58.79



GUI1401 F-15 wingspan 12.75"



GUI1402 F-14 wingspan extended 19.00" wingspan swept back 10.00"



GUI1403 F-16A wingspan 12.125"

1400 SERIES

\$19.06
MSRP \$31.79



Available as balsa and tissue static models, these unique scale construction kits offer an interesting alternative to other easy built aircraft. Tissue covered and decorated with decal insignia, each model is an eye catching replica of its name sake. For display only!

200 SERIES

\$33³⁴
MSRP \$55.59

LASER CUT



GUI201 Thomas Scout 24" span



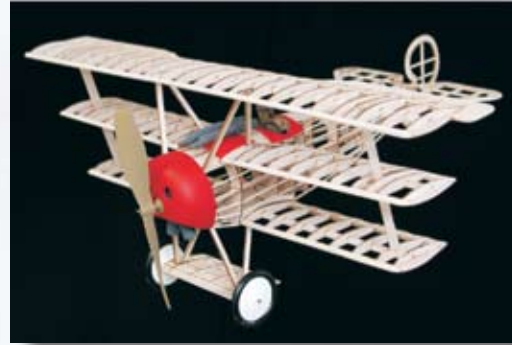
GUI203 Nieuport 11 24" span



GUI202 British Se5A 24" span



GUI204 Fokker DR-1 Triplane 20" span



FAMOUS FIGHTERS OF 1914 -1918 WAR

Magnificent war birds of the 1914-1918 era. Fighters made famous by World War I aces like Bishop, Richthofen, and Guynemer. The last word in scale realism for the super detailed fan-great flyers for those who build to fly. Kits contain scale WWI plastic wheels, full sets of gorgeous decals, exquisite plastic parts and plywood fire walls. Grades 6+

300 & 700 SERIES

Now Laser Cut!

\$17³⁰
MSRP \$28.89



GUI301LC Aeronica Champ span 24"



GUI302LC Cessna 170 span 24"



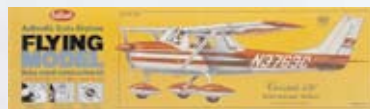
GUI303LC Piper Super Cub 95 span 25"



GUI307LC Piper Cherokee span 20"



GUI308LC Beech Musketeer span 20"



GUI309LC Cessna 150 span 24"



GUI305LC DHC-2 Beaver - Laser Cut!
span 24"



GUI304LC Porter - Laser Cut! span 26"

Build-by-Number

Only a reading ability required!

Now Laser Cut!

\$17³⁰
MSRP \$28.89



GUI701 Fairchild 24 span 25"



GUI702 Arrow span 24"



GUI703 Edge span 20"

POPULAR PRIVATE PLANES GREAT FLYERS

Easy building stick and tissue models.

Whether built for scale or flying, the models in this series represent the finest in design and flight capability. The Arrow and Fairchild 24 are easy to assemble build-by-number model kits.

1000 SERIES GIANT 3/4" SCALE WORLD WAR II FIGHTERS AND BOMBERS

**MULTI PURPOSE MODELS FOR
STATIC OR DISPLAY**

\$53³⁰

MSRP \$88.89

The worlds finest scale balsa model kits featuring true-to-life "action parts," adjustable flying surfaces, sliding canopies, retractable landing gear, and drop-able bombs.

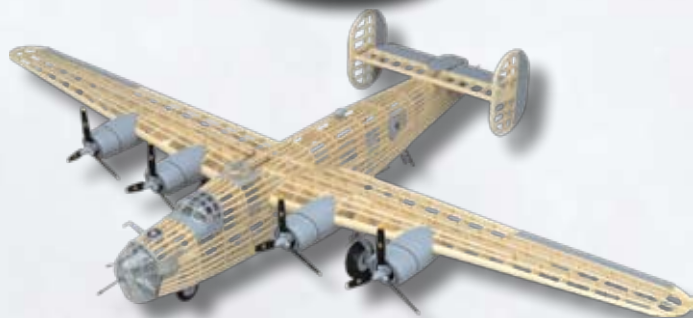
- | | | |
|------------|------------------|----------|
| A. GUI1001 | P-47 Thunderbolt | 30" span |
| B. GUI1002 | Stuka | 34" span |
| C. GUI1004 | F4U-4 Corsair | 30" span |
| D. GUI1005 | F6F-3 Hellcat | 32" span |
| E. GUI1003 | Dauntless | 31" span |



2000 SERIES

\$76⁹⁹

MSRP \$128.99



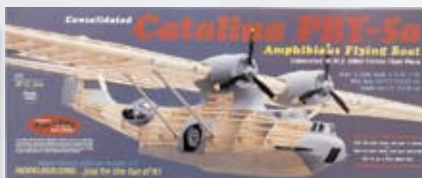
GUI2001 P-38 Lightning 40" span



GUI2003 B-24 Liberator 48" span



GUI2002 B-17G Flying Fortress 45" span



GUI2004 PB-5a Catalina 45" span

BUILD-BY-NUMBER BEGINNER STICK-AND-TISSUE 600 SERIES

\$8⁹³

MSRP \$14.69



GUI601 Cessna 180
20" Wingspan



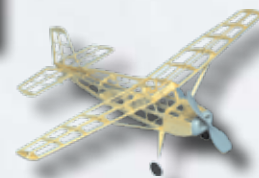
GUI602 Super Piper Cub 95
20" Wingspan



GUI603 Javelin 24" Wingspan



GUI604 Lancer 24" Wingspan



SIMPLE FLYING MODELS FOR BEGINNERS

Grades 5 up - Build-by-number models - only a reading ability needed to build and fly a balsa model airplane. Each kit contains the right combination of building material and power package to assemble an attractive model with good flying ability.

\$23³³

MSRP \$38.89

WRIGHT FLYER
Highly detailed static display
model from Guillows



This 1:20 scale model of the 1903 Wright Flyer has been designed for easy assembly using Guillow's famous step by step building methods. Kit includes grade A precision laser cut balsa parts, high quality tissue covering, laser cut profile of pilot, simulated engine, moveable propellers and a display stand with plaque. For ages 12 & up. Wing span 24"

GUI1202 MSRP \$38.89 **\$23.33**

HAND TOSS GLIDERS NO MESSY GLUE REQUIRED



EAGLE 9" wingspan
GUI26 48 pcs MSRP \$89.99 **\$53.64**
* Customized min 500 pcs ... **ea .91***



JETFIRE 12" wingspan
GUI30 48 pcs MSRP \$112.99 **\$68.04**
* Customized min 500 pcs . **ea 1.21***



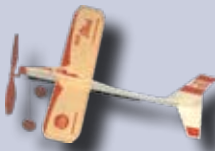
STARFIRE 12" wingspan
GUI35 24 pcs MSRP \$71.69 **\$43.02**



SKYSTREAK 12" wingspan
GUI50 24 pcs MSRP \$85.99 **\$52.02**
Used in many NSTA workshops
* Customized min 250 pcs . **ea 1.99***



JETSTREAM 13" wingspan
GUI55 18 pcs MSRP \$79.99 **\$48.42**
(That is \$2.69 ea in 18 pks)
Used in many NSTA workshops
* Customized min 250 pcs . **ea 2.34***



STRATO STREAK 16" wingspan
GUI60 12 pcs MSRP \$68.89 **\$41.31**

STUNT JETS



Have a blast with the new Stunt Jets. These hand launch gliders are made of preformed foam rubber. This makes them soft and safe. Great for picnics, school or camp outings or where ever you want a fun and entertaining experience. Flights to over 50' . The Stunt Jet is designed for stunts or long distance flights.

Comes in 6 different colors shown. wingspan 6" Choice of color on single pk not available.

Group or camp leader may request a sample!

MWSG1	SINGLE PC	MSRP \$3.29	\$2.99
MWSG24	24 asst pk	MSRP \$78.96	\$59.76
MWSG96	96 asst pk	MSRP \$315.84 ..	\$191.04

* CUSTOMIZE YOUR OWN

Pick either GUI26 Eagle, GUI30 Jetfire, GUI50 Skystreak or GUI 55 Jetstream (all pictured above) and add your name or logo on the wing for the same price as buying in bulk. Great for camps, picnics or group gatherings. The more you buy the cheaper the cost! For minimums see beneath the respective plane. One time die cost required.

For details see pg 28!



AIR PLANE DESIGN STUDIO FROM GUILLOWS



This Airplane Design Studio package gives the builder over 35 parts (balsa bodies, wings, propellers, rubber motors, etc) to let their imagination soar and turn them into a free spirited aircraft designer. Their imagination is the only limit to the flying contraptions they can think up and construct.

All contained in a plastic parts tray that slides in and out of this attractive full color flip top box. Truly a builders kit the student can take with them and enjoy and learn over and over.

GUI141 1 pc MSRP \$32.99 **\$19.93**

BUILD ALL FOUR BEGINNERS KITS

Now a Guillows kit with redesigned user-friendly instructions!



GOLDWING

This long flying, all balsa glider is the first step for the beginner in the abc's of model building and flying. 11 1/2 inch wingspan, length 14-1/8 inches. Grades 4+

GUI4101	MSRP \$13.99.....	\$8.40
GUI4104 12 pc	MSRP \$139.99	\$83.92

CADET

An easy to build rubber powered model airplane. This guaranteed-to-fly model will advance the beginner to the second step of model building. 14-1/2 inch wingspan, overall length, 12 inches. Grades 5+

GUI4201	MSRP \$13.99.....	\$8.40
GUI4204 12 pc	MSRP \$139.99.....	\$83.92

CLOUDBUSTER

This rise-off-the-ground, rubber powered model airplane moves the student to the third step in model building. A high flying model that will provide hours of fun and action, 18 inch wingspan. Overall length 15-3/4 inches. Grades 6+

GUI4301	MSRP \$15.99.....	\$9.73
GUI4304 12 pc	MSRP \$181.99.....	\$109.12

FLYBOY

Step number four. The beginner will use the simple building methods learned in the previous three steps. The student will be rewarded with a thrilling, long distance, high flying model. Grades 6+

GUI4401	MSRP \$18.66.....	\$11.20
GUI4404 12 pc	MSRP \$207.99.....	\$125.92

ADVERTISE YOUR MESSAGE "HERE"

Place your logo or message on these custom gliders or rubber powered planes. Let your message soar with these fun advertising gliders. Used by many organizations such as Scouts, 4H Clubs, Schools, Museums, State organizations or anyone. Whatever your group or club is, let it be recognized. Are you using the AeroLab DVD? You can place your name on the wings of the Skystreak or Jetstream for virtually the same price as buying ours! To Order, Find the quantity and price next to it. Each plane has a 1 time plate charge. If you order 1000 or more planes than the plate is on us! Each planes standard colors are noted. There is an extra charge for a color different than specified. For artwork information call 1-800-536-0238!



PRICES

500	\$0.69 ea.
1000	\$0.67 ea.
2500	\$0.66 ea.
5000	\$0.64 ea.
10000	\$0.63 ea.
25000	\$0.60 ea.

Plate Charge: \$60.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI25P GLIDER

Wing Span: 8"

Production Time: Approximately 10 working days.

Imprint Area: 1¼" x 7¼"

Standard Color: Black

8" wing span (20.32 cm). Can be flown indoors or outdoors. A perfectly proportioned glider designed for maximum fly-ability. All parts smoothly machined – no die-cut parts. Individually packaged in sealed poly bag.



PRICES

500	\$1.21 ea.
1000	\$1.19 ea.
2500	\$1.16 ea.
5000	\$1.10 ea.
10000	\$1.06 ea.
25000	\$1.05 ea.

Plate Charge: \$70.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI30P JETFIRE

Wing Span: 12"

Production Time: Approximately 10 working days.

Imprint Area: 1¼" x 11½"

Standard Color: Red PMS® 200

12" wing span (30.48 cm). Super smooth flying glider with the lines of a high flying soaring plane. Has printed tail surfaces and pilot canopy. Individually packaged in sealed poly bag.



PRICES

250	\$1.99 ea.
500	\$1.93 ea.
750	\$1.91 ea.
1000	\$1.80 ea.
2500	\$1.68 ea.
5000	\$1.61 ea.
10000	\$1.54 ea.

Plate Charge: \$70.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI50P SKYSTREAK

Wing Span: 12"

Production Time: Approximately 15 working days.

Imprint Area: 1¼" x 11½"

Standard Color: Blue PMS® 300

The newest addition to our balsa airplane advertising line is this exciting propeller motorplane. Complete with a durable propeller and elastic motor.



PRICES

500	\$0.91 ea.
1000	\$0.88 ea.
2500	\$0.86 ea.
5000	\$0.83 ea.
10000	\$0.80 ea.
25000	\$0.78 ea.

Plate Charge: \$65.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI26P EAGLE

Wing Span: 9"

Production Time: Approximately 10 working days.

Imprint Area: 1¼" x 8¼"

Standard Color: Blue PMS® 300

9" wing span A sleek "air superiority" flyer with printed tail surfaces and pilot canopy. Easy to loop and soar. Individually packaged in sealed poly bag.



PRICES

500	\$1.48 ea.
1000	\$1.44 ea.
2500	\$1.39 ea.
5000	\$1.29 ea.
10000	\$1.25 ea.
25000	\$1.25 ea.

Plate Charge: \$60.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI46P BIPLANE

Wing Span: 8"

Production Time: Approximately 15 working days.

Imprint Area: 1¼" x 7¼"

Standard Color: Black

8" wing span (20.32 cm). Of all easy-to-fly balsa gliders, none appeals to a youngster like a looping, diving "double-winger". The two wings are quickly assembled with plastic wing connectors that are molded with a correct forward wing stager. Extremely light, the 46-1 biplane glider is safe to fly indoors or outdoors.. Individually packaged in sealed poly bag.



PRICES

500	\$2.34 ea.
1000	\$2.29 ea.
2500	\$2.24 ea.
5000	\$2.19 ea.
10000	\$2.12 ea.
25000	\$2.08 ea.

Plate Charge: \$85.00

Bonus: Order 1000 pcs or more and the plate charge is free!

Item# GUI55P JETSTREAM

Wing Span: 13¼"

Production Time: Approximately 15 working days.

Imprint Area: 1¼" x 11½"

Standard Color: green

A 13¼" wing span motorplane that flies hand launched or R.O.G. Colorfully printed wing, canopy and tail surfaces. Formed wire landing gear, plastic propeller and nose bearing. Ideal contest flyer.



AeroLab DVD/CD Set DEMONSTRATED AT CONVENTIONS AND IN CLASSROOMS NATIONWIDE!

AeroLab is a hands-on, inquiry-based workshop in conceptual physics and physical science for middle school and ninth-grade teachers.

Flight is always a topic of intense curiosity, offering opportunities for great student interest. AeroLab lessons feature simple foam and balsa aircraft as tools to teach force and motion, allowing students to practice important math skills to determine average speed and acceleration. All labs are geared to national science standards, featuring model aircraft (below) suitable for middle school physical science classrooms.

The AeroLab DVD/CD set highlights inquiry-based, hands-on lessons, using simple flying machines to illustrate basic concepts in the physical sciences. The labs feature conceptual activities in the physical sciences, providing opportunities for students to collect data and graph results, as well as participate in activities designed for directed and guided inquiry.

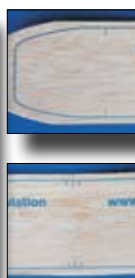
The lessons are written by science teachers for science teachers, based on the work of Academy of Model Aeronautics members and education leaders Rocco Ferrario, Art Ellis, and Gordon Schimmel.

AER101 Aerolab DVD/CD set.....MSRP \$34.99**\$19.99**

JETSTREAM

Used in the Around the Pole activity in the AeroLab DVD and Inventing flight curriculum. This model has been used in thousands of demonstrations by the AMA Education Committee at National and regional conventions and events. Comes with stock blue rubber motor and enough 1/8" tan motor material for 25 rubber motors.

AC5501 25 pcs MSRP \$98.99**\$61.50**

**SKYSTREAK**

Hundreds of thousands of these planes have been built at conventions and in classrooms nationwide. This is a stock skystreak with the following modifications: Center lines are marked on the wings for reference and tip lines are marked where the wing needs to be bent. (Both pictured to the left)

Comes with tan super sport rubber motor material of the appropriate size for indoor or outdoor flying. Used in AeroLab and Inventing Flight Curriculums.

AC5001 25 pcs w - 3/32" motors for indoor flying MSRP \$77.99**\$49.25**
AC5002 25 pcs w - 1/8" motors for outdoor flying MSRP \$77.99**\$49.25**

HAVE YOUR CLUB LOGO OR SCHOOL NAME PLACED ON THE WING OF THE JETSTREAM OR SKYSTREAK OR OTHER PLANE (FOR DETAILS SEE PREVIOUS PAGE OR CALL 1-800-536-0238)

**INVENTING FLIGHT CURRICULUM**

An Activity driven, multimedia science curriculum for the middle grades to explore Wright Brothers' discoveries. In addition to science, this curriculum incorporates language arts, mathematics, and social studies into a multi-disciplinary approach to teaching and learning. All the activities in this inventing flight curriculum have been explicitly correlated to National Science Education Standards. A summary of the standards addressed is included in each Unit Overview. This curriculum produced by Think TV, Greater Dayton Public Television for Inventing Flight!

INV1000 MSRP \$419.99**\$290.00**

6+**\$261.00**

For more information visit our website www.acsupplyco.com

WINDERS

Makes the winding of models so much easier! A MUST when working with groups!

AC1009 5-1 winder MSRP \$10.49**\$6.35**

AC1010 10-1 winder MSRP \$28.29**\$16.95**

MID388 15-1 Winder MSRP \$39.99**\$24.95**

ACCESSORIES**RUBBER LUBE**

Non toxic substance which conditions rubber for best performance and longest life! A MUST for competition!!!

CIM9901 MSRP \$8.95**\$5.95**

COMPETITION FAI RUBBER MOTORS

Tan Super Sport. This is the best rubber for competition.

Indoors

Use 3/32" rubber when flying Skystreaks INDOORS!

Note: For Skystreaks cut motors to 21" length.

Number of 21" skystreak motors shown in ().

MID377 3/32" x 48' (27) MSRP \$11.49**\$7.49**

AC1701 3/32" 1/2 lb 263ft (150) MSRP \$24.99**\$15.95**

AC1711 3/32" 1 lb 527ft (301) MSRP \$40.99**\$25.95**

AC1721 3/32" 10 lb 5270ft (3010) MSRP \$299.99**\$184.95**

OUTDOORS

Use 1/8" rubber when flying Skystreaks OUTDOORS!

Note: For Skystreaks cut motors to 21" length.

Number of 21" skystreak motors shown in ().

MID378 1/8" x 48' (27) MSRP \$13.99**\$8.39**

AC1702 1/8" 1/2 lb 225ft (128) MSRP \$24.99**\$15.95**

AC1712 1/8" 1 lb 450ft (257) MSRP \$40.99**\$25.95**

AC1722 1/8" 10 lb 4500ft (2570) MSRP \$299.99**\$184.95**

**6 STATION WINDING STOOGE**

Wind your rubber models without anyone's assistance! Let your students wind 6 planes at once. As seen at the AMA Education booth at many workshops and conventions! Comes with six 5-1 winders and chain. Table not included

AC7732 MSRP \$299.99**\$189.50**



Note: 1/2 oz. size used at shows.

ZAP SUPER GLUES

ZAPPT01 2oz. Zap a gap MSRP \$15.99**\$9.99**

ZAPPT02 1oz. Zap a gap MSRP \$9.99**\$5.99**

ZAPPT03 1/2oz. Zap a gap MSRP \$6.59**\$3.99**

ZAPPT715 Zip Kicker 2oz. MSRP \$9.99**\$5.79**

ZAPPT16 Debonder 1 oz. MSRP \$6.39**\$3.89**

More Zap products available see www.acsupplyco.com for details.

PYLON FOR JETSTREAM

Used in the AeroLab around the pole activity. This pylon can mount on an inverted trash can. Includes everything you need including string and paper clip

ACPY100 MSRP \$15.99**\$9.99**

GREAT PLANES REAL FLIGHT R/C FLIGHT SIMULATOR G6.5

This radio controlled flight simulator raises simulation realism to a new level! Never before has an r/c simulator allowed you to duplicate realism so closely.

Installation of the simulator is quick in Windows XP, Windows Vista, or Windows 7.

User friendly menus allow you to make changes in flight characteristics, wind conditions, and model shape. Airplane and helicopter models can be configured as trainers (for those just starting out), fully aerobatic, or anywhere in between.



Actual screen shots from the computer

**New
Reduced
Price!**



Real FLight comes complete with airplane and helicopter simulations, Interlink elite controller, and complete instructions.

REAL FLIGHT COMPUTER REQUIREMENTS

MINIMUM INSTALL - Intel Pentium 1.0GHZ or equivalent, Windows XP, Vista, Windows 7 or Windows 8 operating system, 512 MB RAM, 4.5GB free hard disk space, 3D Accelerated video with 32MB Dedicated Video Memory. Full Windows Direct X 9 compliance, (Pixel shader 2.0 support). DVD Drive, USB port.

RF5500	Complete version MSRP \$325.99	\$194.99
3+		\$184.99

LEARN TO FLY!
Save money by avoiding
beginner mistakes!



SUPER STAR .40 A.R.F.

(Almost ready-to-fly)

Only requires about 3 hours for final assembly. Plane is built and precovered, just requires wing to be joined, tail added and radio installed. 4 channel radio operation. .42 engine and 4 channel required and sold separately!

HOB70158 ARF Plane only	MSRP \$129.99	\$139.95
HOB70158CCombo	MSRP \$749.99	\$499.95

ITEMS INCLUDED IN COMBO PACKAGE

HOB70158, Airtronics 4 channel radio system: complete with 4 servos, nicads, charger, and everything needed for radio installation, Thunder Tiger GP .42 engine (with throttle control), 12 volt starter, 12 volt wet cell battery for starter, 2 pcs 10-6 props, 6 glow plugs, glow plug starter, fuel pump, fuel tank, 3 wheels and wheel collars, 2 rolls covering heat iron and heat gun to apply covering (not required on Superstar ARF, field box. All items are reusable on more than one airplane.



AIRTRONICS 4 CHANNEL RADIO

All the electronics required to get your airplane in the air. Includes Transmitter, receiver, nicads and charger, and 4 servos.

AIRVG4R	MSRP \$299.95	\$179.99
Extra servo		
AIR94102Z	MSRP \$29.95	\$17.99

STARTER

12 volt Starter for .40 engine.	
THU2670 Starter only	
MSRP \$58.99	\$35.95

BATTERY

12 volt wet cell for starter.	
THU2636 MSRP \$29.99	\$19.95



GP-.42 MODEL ENGINE

Thunder Tiger GP.42 engine.	
THU9042	
MSRP \$129.99	\$79.99

Glow plug lighter with battery for above engine.
DUB666 MSRP \$29.99 **\$19.95**

Glow plugs for GP .42 engine.	
KB4520 MSRP \$7.49	\$4.50
12 for	\$44.00

FIELD BOX

Carry all your equipment.	
THU3301 MSRP \$59.99	\$36.95

Check our website
for Hot "NEW"
products!
www.acsupplyco.com

HELICOPTERS - BEGINNER - ELECTRIC



Great Flyers Preassembled

Extra set of blades included with every Estes Helicopter and Estes Quadcopter!

New



EST4601 w/Gyro Stabilization
Length - 8.6 in. (21.9 cm)
Width - 1.4 in. (3.6 cm)
Height - 3.9 in. (9.9 cm)
For Indoor Flight Only
Includes 3.7V Lithium Polymer Battery
3.5 Channel Infrared Controller
Controller Requires 6 - 1.5V AA Alkaline Batteries (not included)



EST4602 w/Gyro Stabilization
Length - 8.6 in. (21.9 cm)
Width - 2.8 in. (7.1 cm)
Height - 3.7 in. (9.4 cm)
For Indoor Flight Only
Includes 3.7V Lithium Polymer Battery
3.5 Channel Infrared Controller
Controller Requires 6 - 1.5V AA Alkaline Batteries (not included)



EST4601 SF611 Mini R/C helicopter w/Gyro
EST4602 R73-OPS Mini R/C Attack Helicopter w/Gyro
EST4603 Medium Red Heli w/ Gyro
EST4604 Large Orange Heli w/ Gyro and multi color flashing LED lights

EST4603 W/ Gyro (pictured left)
Length: 14.5 in. (36.8 cm)
Width: 2.5 in. (6.4 cm)
Height: 5.8 in. (14.7 cm)
Main Rotor: 11.8 in. (30 cm)
Includes fully assembled helicopter with flashing LED lights, Radio Controller, Rechargeable 3.7V Li-Po - 500mAh battery, AC Wall Charger, extra blades and instructions.
Recommended for ages 14 +.



New

ESTES DART QUADCOPTER

- Flies easily in any open indoor area.
- Recharges with the included USB charge cord.
- A gyro provides smooth and stable flight.
- Small LED Lights add to the fun when flying in the dark.
- 2.4 GHz controller links only to your aircraft, allowing multiple aircraft to fly together.
- Flies in all directions on command.
- LiPo flight battery.
- 4 Spare rotor blades.

EST4605 Quad Copter

MSRP \$79.99 **\$47.99**



New

EST4604 (Pictured at left) The largest helicopter Estes offers, the WE2012 is sure to get BIG reviews from your friends. A massive helicopter measuring 24 inches in length, this is one impressive heli to fly. Easy to fly, the WE2012 comes with a full function 3 channel radio. Multi-colored flashing LED lights makes for great night flights. It's super lightweight, yet is constructed with a metal frame and body for extra durability. You can reach heights of about 300 feet and your range is about 200 feet. A great addition to your non rocket flying machines!
Length: 24 in (61 cm)
Width: 3.8 in (9.6 cm)
Height: 8.8 in (22.6 cm)
Main Rotor: 18 in (45.7 cm)
Includes fully assembled helicopter, Radio Controller, Rechargeable 7.4V, 1000mAh battery, AC Wall Charger, extra blades and instructions.
Recommended for ages 14 +.

MSRP \$49.99 Your Cost **\$29.99**
MSRP \$49.99 Your Cost **\$29.99**
MSRP \$79.99 Your Cost **\$47.99**
MSRP \$139.99 Your Cost **\$83.99**

PARK FLYERS BEGINNER - ELECTRIC



- EASY TO FLY!
- GREAT FIRST TIME TRAINERS.
- QUICK TO FINISH WITH PRECOLORED PARTS.

- PLANES ARE 90% COMPLETE.
- READY TO FLY IN JUST AN HOUR OR TWO!

TTR4315 Super Cub - Plane only MSRP \$79.99 **\$59.99**
TTR4323 Spirit of St Louis - Plane only MSRP \$130.99 **\$79.99**

FLYZONE SUPER CUB RTF w/ RADIO

Includes a Tactic™ 2.4GHz 4-channel radio with these advantages:

- Secure Link Technology creates an unbreakable link between the transmitter and receiver, with the push of a single button Digital trims
- Servo reversing
- Wireless trainer function



Other RTF features:
Powerful brushless motor and ESC
1300mAh LiPo battery and AC/DC balancing charger
(4) "AA" transmitter batteries

FLZA4010 - RTF
Wingspan: 48 in (1220 mm)
Wing area: 354 in² (22.8 dm²)
Weight: 30.4 oz (860 g)
Wing Loading: 12.4 oz/ft² (38 g/dm²)
Length: 33 in (840 mm)
Requires: NOTHING!

FLZA4010 Super Cub RTF w/ 2.4ghz radio (COMPLETE) MSRP \$379.99 Your Cost **\$219.99**

PARK FLYER WARBIIDS INTERMEDIATE - ELECTRIC

- GOOD LOOKING
- GREAT FLYING
- REQUIRES SOME RADIO-CONTROL EXPERIENCE!

Specifications:

Wing Span: 33.75" - 34.00"
Length: 27.375 - 29.75
Wing Area: 196 sqin - 237 sq in.
Weight: 15.2oz - 17.5oz



TTR4320 P-51D Mustang - Plane only MSRP \$149.99 **\$89.99**
TTR4322 Rare Bear - Plane only MSRP \$149.99 **\$89.99**
TTR4331 September Fury - Plane only MSRP \$149.99 **\$89.99**

Midwest Products Activity Kits



POND HOPPER

Beginner

Wind the motor and watch it go!
In the pond or in the pool

MID3951 MSRP \$7.29 **\$4.74**



STEALTH FLYER

Beginner

Now you see it, now you don't. Flies
indoors or outdoors

MID3952 MSRP \$7.29 **\$4.74**



CATAPULT

Beginner

This model builds into a working
catapult.

MID3953 MSRP \$7.29 **\$4.74**



DRAGSTER

Beginner

The dragster provides hours of racing
fun, either indoors or outdoors

MID3955 MSRP \$7.29 **\$4.74**



Class pk available
See pg 20!

WRIGHT BAT

Beginner

A model of the Wright brothers' flying
toy. No cutting or gluing.
Flies indoors or outdoors

MID52202 MSRP \$13.49 **\$7.49**



Class pk available
See pg 20!

EASY SPIN

Beginner

Easy to assemble, easy to decorate and
a ball to fly. Either indoors or outdoors

MID52102 MSRP \$4.29 **\$2.59**



SPACE EXPLORER

Beginner

Reach for the stars with the exciting
space Explorer. An exciting outdoor
flyer.

MID3954 MSRP \$7.29 **\$4.74**

**Perfect for
classroom
projects!**



Class pk available
See pg 45!

MOUSETRAP RACER

Intermediate

Demonstrates how the force of a
mousetrap can power the wheels of
a car.

MID54202 MSRP \$18.29 **\$10.99**



Class pk available
See pg 20!

DELTA DART

Intermediate

Our most popular airplane model.
It can be flown both indoors and
outdoors.

MID3950 MSRP \$8.19 **\$4.99**



Class pk available
See pg 20!

SUPER DELTA DART

Intermediate

Big brother of the Delta Dart. It
features sturdier construction and
impressive outdoor performance.

MID50902 MSRP \$16.99 **\$10.19**



Class pk available
See pg 15!

LIFT BRIDGE

Intermediate

Teaches physics and engineering.
Contains laser-cut parts, hardware,
adjustable counterweight and roller

MID86702 MSRP \$18.79 **\$11.19**



Class pk available
See pg 20!

RIGHT FLYER 2 PK

Advanced

The big brother of the shoebox R.O.G.
this indoor flyer may be flown greater
with or without its landing gear.

MID50103 MSRP \$21.49 **\$12.99**



Class pk available
See pg 20!

FLIP GLIDER

Advanced

The perfect introduction to the physi-
cal sport of hand launched gliders.

MID50202 MSRP \$13.99 **\$8.89**



Class pk available
See pg 20!

SHOEBOX R.O.G.

Advanced

The Shoebox R.O.G. (rise off ground)
is the next step up from our Delta
Dart. A classic stick -and-tissue
model.

MID51402 MSRP \$16.99 **\$10.19**

TESTORS PLASTIC MODELS. Plastic cement required! Shown below but not included.

Easy to build Skill level 1



QV-10A BRONCO

1/48 scale MSRP \$18.99
Tes506 your cost **\$11.93**



F8F-2 BEARCAT

1/48 scale MSRP \$18.99
Tes519 your cost **\$11.93**



P-47 THUNDERBOLT

1/48 scale MSRP \$18.99
Tes520 your cost **\$11.93**



F-117A STEALTH FIGHTER

1/32 scale MSRP \$64.99
Tes570 your cost **\$38.74**



LOCKHEED YF-22

1/32 scale MSRP \$64.99
Tes7569 your cost **\$38.74**



SR-71 BLACKBIRD

1/48 scale MSRP \$64.99
Tes7584 your cost **\$38.74**



B-2 STEALTH BOMBER

1/72 scale MSRP \$64.99
Tes571 your cost **\$38.74**



F-4 WILD WEASEL

1/48 scale MSRP \$27.99
Tes572 your cost **\$16.63**



P-51D MUSTANG

1/48 scale MSRP \$18.99
Tes590 your cost **\$11.93**



SPAD

1/48 scale MSRP \$11.49
Tes617 your cost **\$6.73**



F4U CORSAIR

1/72 scale MSRP \$11.49
Tes623 your cost **\$6.73**



SNJ TEXAN

1/72 scale MSRP \$11.49
Tes663 your cost **\$6.73**



SPIRIT OF ST LOUIS

1/72 scale MSRP \$11.49
Tes664 your cost **\$6.73**



SBD DAUNTLESS

1/72 scale MSRP \$11.49
Tes693 your cost **\$6.73**



F-104C STARFIGHTER

1/48 scale MSRP \$18.99
Tes7523 your cost **\$11.93**



F-5A FREEDOM FIGHTER

1/48 scale MSRP \$18.99
Tes7521 your cost **\$11.93**



H-43B HUSKIE

1/48 scale MSRP \$18.99
Tes7206 your cost **\$11.93**

PLASTIC MODEL CEMENT 5/8 oz.

Great for plastic models above

TES35011 Plastic cement 1 PC MSRP \$2.49..... **\$1.86**

TES3501 box of 48 MSRP \$119.52 **\$64.89**

No Tox plastic cement 5/8 oz.

TES35211 No tox glue MSRP \$2.49 **\$1.99**

TES3521 box of 48 MSRP \$119.52..... **\$64.89**

MODEL CEMENT FOR WOOD

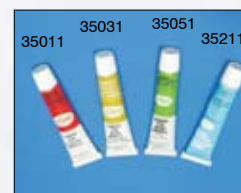
5/8 oz Comes with applicator tip,

TES35031 Fast drying MSRP \$2.99 **\$2.19**

TES3503 Fast drying (24ct) MSRP \$71.76 **\$42.21**

TES35051 Extra strong MSRP \$2.99 **\$2.19**

TES3505 Extra strong (24ct) MSRP \$71.76..... **\$42.21**





JEN70



JEN15



JEN76

STEAM ENGINE (ASSEMBLED)

Vertical oscillating cylinder with electric heater - great for use with A/C generator. Size 9x9x9" high, weight 6 lbs.

JEN70 MSRP \$279.99.....**\$189.00**

A/C GENERATOR (ASSEMBLED)

Produce your own electricity with this A/C generator. Includes brass light post, bulb and drive belt. Use with #70 steam engine only.

JEN15 MSRP \$159.99.....**\$99.00**

STEAM ENGINE KIT

Your students can learn about the components of an operating live STEAM engine. This kit assembles easily in about 2 hours.

Features include:

Single oscillating cylinder, 3" diameter flywheel, Heavy duty seamless brass boiler, COOL TOUCH handles, Auto release 15psi safety valve, firebox, brick embossed smoke stack. **Order dry fuel tablets to the right.**

Size 7 x 7 x 8" high

JEN76 MSRP \$194.99.....**\$129.95**

DRY FUEL TABLETS (ESBIT)

This is the fuel for all the steam engines on this page. Each box produces about one hour of "run" time.

20 per package

AC1599 MSRP \$7.39.....**\$6.25 ea**

10+ packs **\$5.75 ea**

**STEAM ENGINE KIT**

This kit builds into an "operating model" of an oscillating single cylinder steam engine. The engine has 3 moving parts that require only temporary lubrication. It may be run separately as a demonstrator or used in model 958 boat.

Requires ESBIT dry fuel sold above.

MID980 MSRP \$119.99.....**\$74.95**

HERITAGE STEAM ENGINE

A pre-assembled live steam engine featuring a vertical single acting, single cylinder oscillating engine and pre soldered vertical boiler with pressure relief valve. It may be run separately as a demonstrator or used in model 958 boat.

Requires ESBIT dry fuel sold on this page.

MID987 MSRP \$189.99.....**\$129.95**



\$134.95
Combo Price

FANTAIL LAUNCH STEAM POWERED BOAT KIT

Use this boat to demonstrate real life applications of steam propulsion!

Length 19" Beam 7.75" Scale 1" = 1'

MID958 (w/hardware) Less steam engine

MSRP \$119.99**\$74.95**

Combo Deal

Fantail Launch w/running hardware and below steam engine .

w/MID980 steam engine kit \$150.00 value

MID958CO MSRP \$219.99 **\$134.95**

w/MID987 Prebuilt Steam engine \$205.00 value

MID987CO MSRP \$299.99 **\$189.95**

AC Kite Class Packs



ALL STICKS PRE-SLOTTED



2-STICK KITE w/TISSUE

30 kits per class pack. This is a 2-stick kite made of spruce sticks and colored art tissue.

Features:

- 30 27" kite kits
- 2 spruce kite sticks per kite, pre-cut and slotted
- 30 sheets 20" x 30" colored art tissue
- 30 rolls of string
- 10 .26oz glue sticks
- Teachers Guide
- Instructions

NPK200 30 class pack MSRP \$159.99.... **\$94.99**



ALL STICKS PRE-SLOTTED



3-STICK KITE w/TISSUE

30 kits per class pack.

This is a 3-stick kite made of spruce sticks and colored art tissue. Enough material for 30 - 24" kite kits.

- 3 spruce kite sticks per kite, pre-cut and slotted
- 30 sheets 20" x 30" asst colored tissue
- 30 rolls of string
- 10 .26oz glue sticks
- Teachers guide
- Instructions

NPK300 30 class pack MSRP \$144.99. **\$95.99**

Grades 1-6 Easy to assemble and grade level tested, each class pack includes material and instructions for building 8 kites.

MIDWEST KITE CLASS PACK

"TEACHING WITH KITES"

Teachers guide

shows general history and science of flying kites. It includes a time-line history of kite development and simplifies the concept of how a kite flies.

MID539 MSRP \$8.39..... **\$4.99**



SKYJOOL

Includes "Teaching with Kites" teachers guide.

MID532 8 pk MSRP \$46.99..... **\$31.94**

NYLON KITES PREBUILT

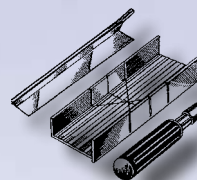


HIF852 72" rip stop delta MSRP \$39.99 **\$25.00**

HIF853 52" rip stop delta MSRP \$27.99 **\$17.25**

Parachutes can be purchased for the kites. (available on pg 12).

RAW MATERIALS AND ACCESSORIES



MITRE BOX SET

Slotted sides guide saw to make accurate mitre joints. Grooved base holds wood in place when sawing. (Perfect for small cuts such as in kite building and bridge building.)

EX55666 Mitre box set MSRP \$24.99..... **\$15.56**

STRING 300 FT

HIF300 16lb test MSRP \$1.59 **\$1.09**

GLUE STICKS

Used for bonding tissue to tissue, or tissue to wood such as in stick & tissue airplanes, kites, or balloon projects.

ACC5121 .21 oz glue stick MSRP \$1.69..... **\$.99**

ACC5175 .75 oz glue stick MSRP \$3.69..... **\$2.15**

ACC5225 1.25 oz glue stick MSRP \$5.99..... **\$3.99**

KITE STICKS SPRUCE

MID7648 1/8 x 3/8 18pcs MSRP \$25.02 **\$21.27**



KITE AND BALLOON ART TISSUE

Art tissue material for your balloon projects or for our kite project.

SAT5900 - White

SAT5903 - Scarlet

SAT5907 - Purple

SAT5914 - Black

SAT5920 - French Blue

SAT5902 - Canary

SAT5905 - Dark pink

SAT5912 - Apple green

SAT5916 - Orange

SAT5850 - 20 asst sheets

20" x 30" art tissue 24 sheets per pack

(SAT5850 only has 20) MSRP \$5.39..... **\$3.25**

SAT480 480 sheets asst colors

MSRP \$85.99..... **\$52.99**

ELECTRONIC SNAP CIRCUITS

BUILD EXCITING PROJECTS

AGES 8 & UP

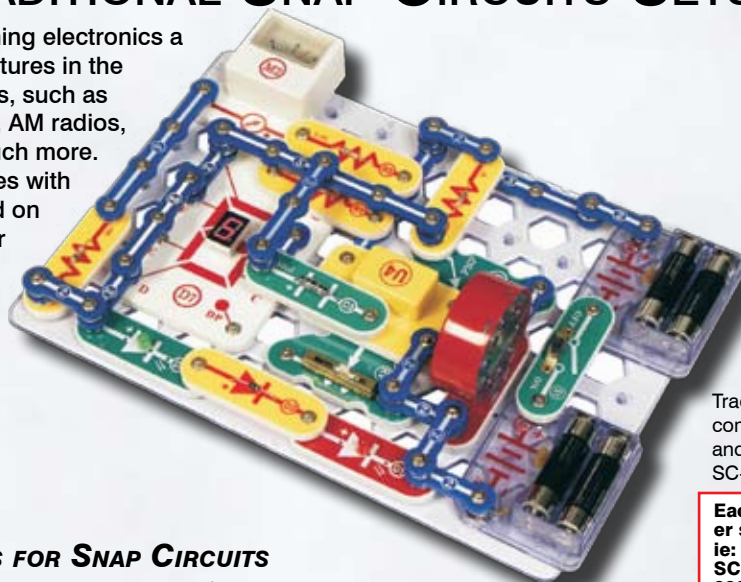
TRADITIONAL SNAP CIRCUITS SETS

Elenco's Snap Circuits make learning electronics a "snap". Just follow the colorful pictures in the manual and build exciting projects, such as FM radios, Digital voice recorders, AM radios, Burglar alarms, Doorbells, and much more. You can even play electronic games with your friends. All parts are mounted on plastic modules and snap together with ease. Enjoy hours of educational fun while learning about electronics.

Go online to www.acsupplyco.com to view complete manuals included in the Snap Circuits sets, and sample pages from Student and Teachers guides!

No tools required.

Uses "AA" batteries or AC Adaptor (sold separately below.)



Traditional Sets come with handy compartmentalized storage box and instruction manuals! SC-300 box and manuals shown

Each larger set includes smaller sets projects and more, ie: SC500 can build all the SC100 and SC300 projects and 200 more!

AC ADAPTOR, AA BATTERIES FOR SNAP CIRCUITS

ELEACSNAP MSRP \$34.95 **\$19.95**
EVEAA4 Eveready Energizer Alkaline 4pk MSRP \$5.89..... **\$3.49**

ALL STANDARD SETS COME WITH THE DURABLE 7.75" X 11" PLASTIC "SNAP" CIRCUIT BOARD!

SNAP CIRCUITS JR.

Model SC-100

Learn the basics of electronics. Build projects that make sound effects, different types of alarms, touch circuits and games. Contains over 30 parts including photo resistor, music IC, motor and space war IC.

Build over 100 exciting projects including Flying saucer, Spin draw, sound activated switch, alarm circuit and more.

Requires 2AA batteries or AC adaptor (not included)

ELESC100 MSRP \$39.99 **\$23.99**

SNAP CIRCUITS

Model SC-300

Standard version - In this version the builder learns how capacitors function and how to make time delay circuits. In addition this version includes circuits showing how oscillators and photo sensors work. Contains over 60 parts including two transistors, microphone, power amplifier IC, and variable capacitor.

Build over 300 projects including AM radio, radio enhancer, lie detector, and burglar alarm.

Requires 4AA batteries or AC adaptor (not included)

ELESC300 MSRP \$64.99 **\$40.99**
12+ **\$38.99**

Model SC-300S

Standard version w/computer interface (ELESCI73 shown on page 37). Same as SC-300 but adds 73 computer interfaced experiments.

ELESC300S MSRP \$99.99..... **\$59.95**

SNAP CIRCUITS PRO

Model SC-500

Pro version - In this version you learn how 7 - segment displays, meters, relays, transformers and diodes work. There is even a recording IC included.

Contains over 75 parts including recording IC, FM module, transformer, analog meter.

Build over 500 projects including FM radio, adjustable light control, digital voice recorder, and AC generator.

Requires 4AA batteries or AC adaptor (not included)

ELESC500 MSRP \$98.99 **\$61.95**
6+ **\$58.95**

Model SC-500S

Pro version w/computer interface (ELESCI73 shown on page 37). Same as SC-500 but adds 73 computer interfaced experiments

ELESC500S MSRP \$146.99 **\$87.95**

SNAP CIRCUITS EXTREME

Model SC-750

Extreme version - This version is packed with over 750 experiments including 73 computer interfaced experiments. The builder will learn about electromagnets, solar powered experiments, and vibration switches in addition to what all other previous versions have to offer!

Contains over 75 parts including solar cell, electromagnets, vibration switch, and computer interface.

Build over 750 projects including strobe light, transistor AM radio, electromagnetism and rechargeable battery. Includes computer interface that turns your computer into an oscilloscope (over 73 pc interfaced experiments).

Requires 4AA batteries or AC adaptor (not included)

ELESC750 MSRP \$133.99 **\$83.95**
6+ **\$79.95**

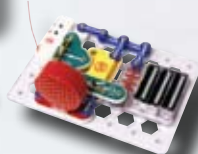
MINI KITS



Musical Recorder

Records up to 8 seconds. Plays music after your recording.

ELESCP01
MSRP \$27.95 **\$16.83**



FM Radio

Have fun building this kit and tune to your favorite station when finished.

ELESCP02
MSRP \$ 27.95 **\$16.83**



Motion Detector

Whenever somebody walks in front of the motion detector, the sound of a laser comes out of the speaker and the red light flashes.

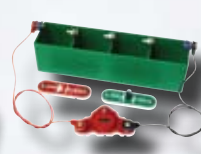
ELESCP03
MSRP \$27.95 **\$16.83**



Flying Saucer

Press and release the switch and watch the saucer rise into the air.

ELESCP06
MSRP \$19.95 **\$11.91**



Water Clock

Build a digital clock that runs on tap water or other household materials like fruit juice and cola.

ELESCP07
MSRP \$19.95 **\$11.91**



Electromagnetism

Compare an electromagnet to a normal magnet

ELESCP08
MSRP \$19.95 **\$11.91**

ELECTRONIC SNAP CIRCUITS

BUILD EXCITING PROJECTS



Ages 8 & up!

SNAP CIRCUITS Micro-controller set
visit www.acsupplyco.com for details!

SNAP CIRCUITS EDUCATIONAL SETS

These Snap Circuit Training Programs (SC100R, SC300R, SC500R and SC750R) are an in depth exploration of the electronic components in the Snap Circuit sets! Ideal for use in home schooling, middle schools, and high schools, where students will grasp the basic principles of electronics!

Go online to www.acsupplyco.com to view the complete manuals included in the Snap Circuits sets and sample pages from Student and Teachers guides!

Each Snap Circuits Educational Set comes complete with project manuals, student training guides and plastic storage case. SC300R, SC500R and SC750R come with Heavy duty black storage case with shock absorbing foam inserts as shown below. SC100R come with clear plastic compartmentalized storage box not shown! Teachers guide included with SC100R, SC300R, SC500R and SC750R!



SC-500R
pictured!



SC500 manuals, student guide
and teachers guide shown!

Teachers Guide

The Teachers guide is meant to prepare educators for proper introduction of Snap Circuits and guide them through each chapter with quizzes for students to test their knowledge.

TG-100 Teachers guide for SC100 - SC750 MSRP \$11.99 **\$6.95**

Student Training Guides

The same student guides included in the 300R, 500R or 750R!

ELESTG300 Student training guide for SC300 MSRP \$17.99 **\$9.95**

ELESTG500 Student training guide for SC500 MSRP \$34.49 **\$18.95**

ELESTG750 Student training guide for SC750 MSRP \$47.99 **\$27.95**

Hard plastic Storage case with foam inserts shown comes with SC-300R, SC-500R and SC750R. Note: The SC100R comes with durable compartmentalized clear plastic storage box, not similar to one above.

SNAP CIRCUITS JR.**STUDENT TRAINING PROGRAM****Model SC-100R**

The Model Contains over 30 parts. Build over 100 projects. Includes Project Book, Student Guide, Teachers guide and plastic parts organizer box!

Requires 2 AA Batteries or AC Adaptor (not included)

ELESC100R MSRP \$54.99 **\$35.95**

6+ **\$32.95**

SNAP CIRCUITS**STUDENT TRAINING PROGRAM****Model SC-300R**

Contains over 60 parts. Build over 300 projects. Includes 2 Project Books, STG300 Student Guide, teachers guide and black plastic storage case shown below!

Requires 4 AA batteries or AC Adaptor (not included)

ELESC300R MSRP \$115.99 **\$69.95**

3+ **\$65.95**

SNAP CIRCUITS PRO**STUDENT TRAINING PROGRAM****Model SC-500R**

Contains over 75 parts. Build over 500 projects. Includes 3 project books, student guide, teachers guide and black plastic storage case shown below!

Includes STG-500 student Guide.

Requires 4 AA batteries or AC Adaptor (not included)

ELESC500R MSRP \$157.99 **\$96.99**

3+ **\$93.99**

SNAP CIRCUITS EXTREME**STUDENT TRAINING PROGRAM****Model SC-750R**

Contains over 80 parts. Build over 750 projects. Includes 3 project books, Stg750 student guide, Computer Interface CI73 and storage case shown below! Teachers guide included.

Requires 4 AA battery or AC Adaptor (not included)

ELESC750R MSRP \$209.99 .. **\$127.95**

3+ **\$124.95**

**PLASTIC STORAGE CASE WITH FOAM INSERTS**

Made out of heavy gauge durable plastic. Store your Snap Circuits for use over and over with the ultimate in protection. Comes with shock absorbing foam liner that is marked for every part in the respective set. The same case the SC300R, SC500R or SC750R comes in.

ELEBX750 Plastic storage case for SC300, 500 or SC750 or R versions..... MSRP \$79.49 **\$49.96**

SNAP CIRCUITS UPGRADE KITS.

All parts and manuals included to upgrade sets shown. Note: Student training guides not included in any upgrade kits!

ELEUC30 Upgrade kit SC100 - SC300 MSRP \$49.95 **\$29.95**

ELEUC40 Upgrade kit SC100 - SC500 MSRP \$79.95 **\$49.95**

ELEUC50 Upgrade kit SC300 - SC500 MSRP \$49.95 **\$29.95**

ELEUC60 Upgrade kit SC100 - SC750 MSRP \$112.95 **\$69.95**

ELEUC70 Upgrade kit SC300 - SC750 MSRP \$79.95 **\$49.95**

ELEUC80 Upgrade kit SC500 - SC750 MSRP \$49.95 **\$29.95**

Computer Interface Details: Electronic engineers use specialized test equipment to "see" electronic signals and make performance measurements. They use an oscilloscope to look at the waveform of the signal in time and use a spectrum analyzer to look at its frequency content. This equipment is specialized and usually very expensive. The included winscope software simulates this equipment using your personal computer. The PC-interface cable can be connected across any 2 points in your circuit to look at the signal.

Computer requirements: PC - Windows 95 or later - A working microphone input jack. **ELECI73** MSRP \$32.99 **\$19.95**

ELECTRONIC SNAP CIRCUITS

BUILD EXCITING PROJECTS

CLASS SETS ON THE PREVIOUS PAGES!

New



SNAP CIRCUITS LIGHT

Watch and be amazed at what your music can do with the new Snap Circuits® LIGHT. Connect your iPod® or any MP3 player and enjoy your music as the lights change to the beat. The strobe light with spinning patterns will amaze you with its visual effects.

Elenco's Snap Circuits® makes learning electronics easy and fun! Just follow the colorful pictures in our manual and build over 175 exciting projects. All parts are mounted on plastic modules and snap together with ease. Enjoy hours of educational fun while learning about electronics.

Contains over 55 parts to build more than 175 projects.

No Tools required.

Features:

- Infrared Detector
- Strobe Light with spinning patterns
- Color Changing LED
- Glow-in-the-Dark Flying Fan
- Strobe integrated circuit (IC)
- Fiber Optic communication
- Color organ controlled by iPod® or other MP3 player, voice or finger

ELESCL175 MSRP \$79.95 **\$53.23**

New

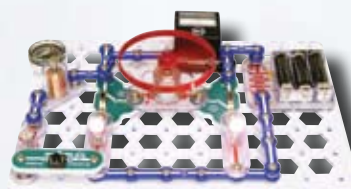


SNAP CIRCUITS XP

BUILD YOUR OWN MICROCONTROLLER

The ultimate Snap Circuits® eXperience! A great introduction to micro-controllers and how they are used in the world around us. It can be as easy as snapping circuits together and downloading our programs, or you can write your own programs using Basic or flowcharts. Includes over 100 projects and over 50 parts.

ELESCXP50 MSRP \$99.95 **\$65.34**



SNAPTRICITY

Learn how electricity and magnetism can be used to make each other. Learn about magnetic fields, how the electricity in your home works, how switches control the electricity in your home, and how series and parallel circuits affect electricity.

FEATURES

- Includes: meter, electromagnet, motor, lamps, switches, fan, compass, and electrodes.
- Educational toy: projects that relate to electricity in the home and magnetism and how it is used.
- Build over 75 projects
- Over 40 parts.

ELESCBE75 MSRP \$43.95 **\$26.99**

SNAP CIRCUITS "GREEN"



GREEN ALTERNATIVE ENERGY KIT

Learn about energy sources and how to think "GREEN". Build over 125 projects, using the flexibility of Elenco's award-winning snap circuits. You will have loads of fun learning about environmentally - friendly energy and how the electricity in your home works.

includes full color manual with over 100 pages and separate educational manual. This educational manual will explain all the forms of environmentally-friendly energy including: geothermal, hydrogen fuel cells, wind solar, tidal, hydro, and others.

Contains over 40 parts.

FEATURES: hand crank, solar cell, FM radio, energy compartment, rechargeable battery, windmill, clock, analog meter and more.

ELESCG125 MSRP \$79.95 **\$49.87**

SNAP CIRCUITS RADIO CONTROL ROVER 10

Have fun building your own RC Snap Rover using colorful Snap Circuits parts that come with this kit. There is no soldering required as all parts SNAP together with ease. Once completed you will be able to navigate your surroundings with easy-to-use Snap Rover remote control. Note: you can build up to 3 Rovers at the same time.

- Full-color assembly manual with over 20 projects
- Includes over 30 parts
- Build over 20 varieties of the Rover
- Left and right turning control
- Cover night missions using the headlight and red and blue side lights
- Sound FX
- Colorful moving gears

ELESCROV10 MSRP \$90.49 **\$54.95**

ROVER 10 TO ROVER 50 UPGRADE

ELESCUC90 40 projects including disc shooter MSRP 63.99 **\$38.95**

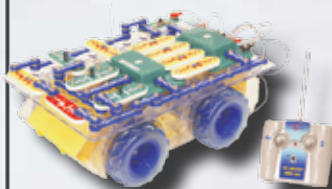
SNAP CIRCUITS DELUXE RADIO CONTROL ROVER 50

Model SCROV-50

Introducing the next generation of the RC Snap Rover! This version includes a disc shooter, digital voice recorder, and music sounds. Over 50 parts allows you to complete over 40 additional projects

- Disc Shooter with 15 foam discs
- Digital Voice Recorder
- Music Sounds
- Build over 60 projects.
- Over 50 parts
- all parts snap together with ease
- Left and right turning control
- Watch colorful gears move
- Goes forward and backward
- Headlight
- Red and blue side lights.
- Wireless 27mhz multi-channel remote control
- Run up to 3 Deluxe Rovers at once
- no soldering required

ELESCROV50 MSRP \$124.99 **\$77.88**



Go online for Rover 10 or Rover 50 manual at www.acsupplyco.com!





No soldering required

The Movit line is a series of computerized battery robot kits that can teach the basic principles of robotic sensing and locomotion. Each of the kits features pre-assembled PC boards, hardware and mechanical-drive systems that can be handled by almost anyone from ages 10 and up. Only basic hand tools are required for assembly. These fascinating robots allow you to experience and learn any one of the following features: sound sensor, remote control, infrared sensor, wired control and/or programmable memory.



3 IN 1 ALL TERRAIN ROBOT

The OWI-536 All Terrain 3-in-1 RC Robot Kit - ATR - non solder is a multi-function tracked mobile robotic kit. Utilize different track modules and make your robot transform into 3 amazing variations: the forklift, rover, and gripper. Using the remote wired controller, command the robot to move forward, backward, turn, grip and lift.

In forklift mode, the ATR is like a mini industrial fork lift, with the ability to lift up to 100g in weight. In rover mode, the ATR's tank-like treads can traverse any type of surface. And in gripper mode, the ATR's strong arms grab and pull objects into its grasp, lifting anything up to 100g and moving it to your desired location.

This kit allows students to create and recreate: Put it together, take it apart, make another module. It's all about flexibility, and intelligent thinking. But luckily, kids don't have to be robotics engineers to create and achieve. With the 3-in-1 All Terrain Robot, they learn as they play.

OWI536 MSRP \$82.99 **\$49.69**



MOONWALKER II

(Sound and light Sensor)

Moon Walker II has combined the technology of two sensors. Moon Walker II begins to walk when it detects a change in light intensity or sound commands, and continues its four-legged voyage until instructed by an internal timer to stop.

Power source: (1) AA 1.5 battery (not included)

Power voltage DC 1.5V See pg 40 for batteries. MV979 MSRP \$66.99 **\$39.99**

Sumo Robot (Infrared Sensor)

Now OWIKit brings the Sumo tradition to your classroom. The Super warrior, Sumo Robot, can be controlled to assail and overpower its opponent or retreat to prepare for battle. An infrared sensor beam is emitted when detecting an opponent. Upon detection, it instructs the brain of SUMO to "charge", thereby creating a bonafide wrestling match.

Movement: 2 tractor style wheels powered by 1 DC motor. Control: Infrared sensor/detectable range: approx 350 mm (max) (requires 4 AA batteries not included) See pg 40 for batteries.

OWI9647 MSRP \$86.99 **\$52.79**



CURRICULUMS

OWIRETC Technology curriculum MSRP \$123.99 **\$74.95**
OWIELEM-2 Elementary Technology Curriculums MSRP \$49.99 **\$29.95**

www.acsupplyco.com



ROBOTIC ARM Edge

Command the gripper to open and close, wrist motion of 120 degrees, an extensive elbow range of 300 degrees, base rotation of 270 degrees, base motion of 180 degrees. Vertical reach of 15", horizontal reach of 12.6" and lifting capacity of 100g. Wow, some of the added features include a search light design on the gripper and a safety gear audible indicator is included on all 5 gear boxes to prevent any potential injury or gear breaking during operation. Total command and visual manipulation using the "5's" five switch wired-controller, five motors, and five joints

Power source: (4) D batteries (not included).

OWI535 Robotic Arm Edge MSRP \$79.95 **\$44.99**

ROBOTIC ARM Edge USB INTERFACE

Have real time manual control of the robotic arm and program the arm to perform a sequence of movements

OWI535USB USB interface for Robotic Arm Edge MSRP \$74.59 **\$35.40**

ROBOTIC ARM Edge CURRICULUM

This CD curriculum provides multiple step-by-step activities and experiments for the Robotic Arm Edge robot in both manual and computer control modes. Students are challenged to measure and record robot specifications, perform experiments, solve problems, record data, reflect about their activities and answer questions in each robot lab activity. Using the site license that comes with the product, directions may be read off a computer screen or made into printed masters and copies. This curriculum when combined with the Robotic Arm Edge creates numerous and flexible educational opportunities for students. Answer keys provided. This is a flexible robotics curriculum for individual student use, home schools, science museums, and schools.

CD is Mac and PC compatible.

OWIEXP535 Curriculum for Robotic Arm Edge MSRP \$44.59 **\$27.99**



HYPER PEPPY (Touch - Sound Sensor)

Explore the fundamentals of robotics with this informative and entertaining robot kit. Appropriate for ages 10 and up, Hyper Peppy is an intelligent robot with a touch/sound sensor. If it comes in contact with an object or hears a loud noise (such as hands clapping), Hyper Peppy automatically reverses, then turns left before embarking on a new course.

Hyper Peppy is lots of fun from the moment it arrives. Requiring only basic hand tools, the kit contains complete step-by-step instructions, pre-assembled printed circuit board, condenser microphone, and an easy-to-assemble mechanical drive system. It's an ideal gift for the hobbyist or budding scientist.

The Institute for Childhood Resources has selected Hyper Peppy robot kit as Dr. Toy's "Top Ten Creative Products" winner and "100 Best Children's Products" winner. Dr. Toy says, "A sure fire winner for a new adventure for a parent and child to do together." Also, it has been selected by the American Specialty Toy Retailing Association as "Top 10 Toys to Rival Computers".

Requires 2xAA Batteries (not included)

OWI969 MSRP \$54.95 **\$38.92**

AmeriKit Soldering Kits



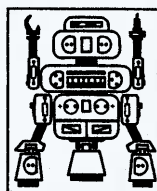
DIGITAL ROULETTE

Sure winner with your friends.
32 LEDs as arranged in a 5" circle
(9v battery required).
ELEAK300 MSRP \$25.99 **\$15.64**



MOTION DETECTOR

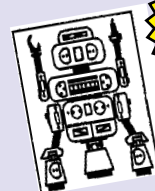
Learn the basics of motion detector technology while building this motion detector kit that uses infrared sensor. Use as a burglar alarm, message minder, room detector or entry to home or business (9v battery required).
ELEAK510 MSRP \$25.99 **\$15.64**



LED ROBOT BLINKER

You'll have fun displaying the PC Board robot. Learn about free running oscillators (9v battery required).
ELEAK400 MSRP \$12.37 **\$7.42**

BLINKY CIRCUIT BOARD ONLY
Circuit bd only for our robot blinker.



FREE
Circuit bd
sample

ELEK17BD MSRP \$3.39 **\$2.54**
100 + **\$2.25**



FM Mic

Transmit your voice on any FM radio.
Range up to 100ft. Case Included.
(2 AA batteries required).
ELEAK710 MSRP \$20.99 **\$12.14**



SOLDER PRACTICE

Learn soldering techniques and build flashing European type siren
(9v battery required).
ELEAK100 MSRP \$20.99 **\$12.14**



TELEPHONE BUG

Size of a dime yet transmits both sides of a phone conversation to any FM radio. No Battery needed.
ELEK35 MSRP \$12.37 **\$7.42**



STROBE LIGHT KIT

Strobe lights are used in many places. Airplanes, boats, cameras, special effects and concerts. This kit will teach you how to make your own. With a variable flash rate, this xenon flash tube will produce some amazing effects (2 C batteries required).
ELEAK520 MSRP \$25.99 **\$15.64**

SOLAR KITS & PROJECTS



PHYSICS SOLAR WORKSHOP

Solar Power Technology in Action

In one way or another, almost every form of energy we use originates as energy from the sun. Solar energy directly powers photovoltaic cells and thermal collectors. Indirectly, we get power from plants grown by the sun, oceans heated by the sun, and Earth's weather systems sustained by the sun. Even the energy stored in fossil fuels originated as energy from the sun, captured by plants and animals millions of years ago. Physics Solar Workshop explores the topic of solar energy, focusing on photovoltaic cells. By building 12 models and conducting 30 experiments, you will learn how solar cells transform light into electrical energy, and how motors and mechanical devices can optimize the work done by this energy. You will build different types of vehicles and machines to demonstrate how gears can convert and transform power for different needs. There are 320 parts, which are also compatible with the other kits in our Physics line. The 64-page book offers illustrated instructions for the projects. Developed with Greenpeace® in Germany. Ages 8 and up.

THA 623715 Physics Solar Workshop MSRP \$89.95..... **\$57.95**

BATTERIES

EVEREADY ENERGIZER ALKALINE BATTERIES

We carry only the finest long lasting Batteries. These long lasting Eveready Energizer alkaline batteries outperform other alkaline and all HEAVY DUTY batteries on the market today! Made to last and guaranteed FRESH!

EVEAAA4	Eveready AAA Alkaline 4 pk	MSRP \$5.89	.....	\$3.89
EVEAA4	Eveready AA Alkaline 4 pk	MSRP \$5.89	.....	\$3.49
EVEEC2	Eveready C Alkaline 2 pk	MSRP \$5.99	.....	\$3.99
EVED2	Eveready D Alkaline 2 pk	MSRP \$5.99	.....	\$3.99
EVE92	Eveready 9v Alkaline 2 pk	MSRP \$10.39	.....	\$6.89



6 IN 1 SOLAR KIT

This DIY Solar Kit enables children to assemble the parts and transform them into six (6) different types of motor-driven apparatuses actuated by solar power! Apparatuses include Solar Windmill, Solar Airboat, Solar Helicopter, Solar Robot, Solar Plane, Solar Wheeler.

Includes:

- * 1 Mini Motor
- * 1 Solar Panel
- * 44 pcs. of plastic components
- * Instruction Manual

EDU38006 6 IN 1 Solar Set MSRP \$39.95 **\$19.99**

Triple action Solar Car Amphibious Solar Vehicle



The **Triple Action Solar Car** is an exciting way to demonstrate the use of alternative energy. It features a aerodynamic sports car shell design with a transparent car body that can be painted or left clear to view the inner mechanics, 4 wheel chassis, powerful 1.4 volt - 350 milliampere solar cell, and a multispeed transmission. Parts are removable to create other projects. Comes complete with 1 solar battery.

Requires 1 AA battery (not included).

OWI685	Triple Action Solar Car w/ Solar cell	MSRP \$66.59	.....	\$39.93
EVEAA4	Batteries Eveready AA Alkaline 4 pk	MSRP \$5.89	.....	\$3.49

The **Amphibious Solar Vehicle** introduces the fundamentals of solar power through hands-on experiments. The sun or any intense mobile light can power the included solar battery. A multiple function switch (solar [1.4v, 350 ma] or battery) allows this kit to be energized day or night, indoors or outdoors. The user can explore different types of energy conversion with this land and water vehicle. Learn what materials the solar batteries are made from and the characteristics of solar batteries, advantages, and disadvantages of solar power.

OWI688	Amphibious Solar Vehicle w/Solar cell	MSRP \$66.59	.....	\$39.93
OWI608	Solar Cell 1.7V 400 ma	MSRP \$38.79	.....	\$23.27



H-Racer 2.0 IR control (& Solar Powered Hydrogen Station)

Discover the automotive technologies of the future by building and driving your own hydrogen fuel cell car. The H-racer 2.0 is a scale model fuel cell car construction kit, with remote controlled steering, and light emitting features. The H-racer received many awards including Time Magazine's "Best Inventions", Business Week IDEA, Metropolitan Home "Design 100", ID magazine annual review, and Business 2.0 Bottom Line Design Awards. The product includes a solar cell, hydrogen station, remote control, hydrogen fuel cell car assembly parts, as well as a renewable energy education manual and a fun experiment guide.

HFCJJ23 MSRP \$179.99.....**\$112.49**



Fuel Cell Car Science Kit (includes solar cell)

Horizon's Fuel Cell Car Science Kit uses a reversible PEM fuel cell that combines electrolysis and power conversion into one single device. Watch as oxygen and hydrogen gases are formed in two transparent water containers. The car steers independently of the user once in operation: when the car hits a barrier, it will automatically find its way by reversing away 90 degrees. Included in the box is a renewable energy education manual as well as an experiment guide. This fun science kit combines cutting-edge science, education and fun for all!

HFCJJ11 MSRP \$99.99.....**\$62.99**



Renewable Energy Education Lab

The Renewable Energy Science Education Lab is a modular experiment designed to demonstrate the workings of a complete clean energy technology system on a miniature scale. With this very complete kit, an entire miniature renewable energy system can be constructed for experimentation and demonstration. This set includes a real working miniature wind turbine kit, a solar photovoltaic panel, an electrolyzer, a PEM fuel cell, and hydrogen storage system encouraging users to learn the system step by step, configure the system in different ways, and visualize the workings of clean energy principles from start to finish.

HFCJJ27 MSRP \$299.99.....**\$224.99**



Hydro-Wind Education Kit

Turn Wind Power into Hydrogen Energy!

With this set you have the freedom to invent your own clean energy applications using fuel cells and renewable hydrogen created using wind and water. This new set includes a real wind turbine, an optimal tool for inspiration and education in classrooms, as kids get to develop their own applications using a zero-carbon fuel. This set now includes the Wind Pitch Educational Kit inside-a miniature real-working wind turbine (wind power generator) designed for students to evaluate the pitch of the blades. The Hydro-Wind Kit also comes with an LED Voltmeter / Music Maker Module to demonstrate the power created from the wind energy in the form of musical sounds and illuminated LED lights.

HFCJJ26 MSRP \$239.99.....**\$170.99**



**ALL NEW EDUCATIONAL
MATERIAL ON CD NOW
INCLUDED FREE IN ALL
HORIZON KITS!**

Renewable Energy Education Curriculum

Horizon fuel cell is now introducing a complete set of newly developed experiment manuals, teacher plans and videos, as well as enhanced assembly guides on a CD which will be included FREE OF CHARGE in each of Horizons educational kits. This new addition in learning material for all of their kits includes the following:

- # Renewable Energy Education Manual
- # Horizon Experiment Manual
- # Flash Animations
- # New Science Kit Assembly Guides
- # Technical Support Section with Videos and much more.



Solar Hydrogen Education Set

With this new experiment set you have freedom to invent your own clean energy applications using fuel cells and renewable hydrogen created using solar energy and water. This new set is an optimal tool for inspiration and education in classrooms, as kids get to develop their own applications using a zero-carbon fuel. The kit also comes with a small electric motor and propeller blade as the starting point for motorized applications you can build using your futuristic solar energy storage device.

HFCJJ16 MSRP \$89.99.....**\$62.99**



Bio-Energy Education Kit

This kit demonstrates the latest in fuel cell technology using ethanol as its fuel source. Currently fuel cells use hydrogen or methanol as fuel. This fuel cell kit directly converts ethanol (alcohol) to electricity silently and without any combustion. The device can run non-stop for hours, providing an amazing demonstration of next-generation bio-fuel cell technology.

HFCJJ22 MSRP \$169.99.....**\$89.99**

**VISIT OUR WEBSITE - WWW.ACSUPPLYCO.COM FOR MORE
HORIZON FUEL CELL TECHNOLOGIES FROM AC SUPPLY!**

New

PHYSICS BY THAMES AND KOSMOS

MANY MORE THAMES & KOSMOS SETS AVAILABLE

ONLINE AT WWW.ACSUPPLYCO.COM!

1. Physics Discovery



2. Physics Workshop



3. Physics Solar Workshop



4. Physics Pro

The kits in the Thames & Kosmos Physics Series teach various aspects of physics through the process of building models and conducting experiments with the models.

The Physics Series begins with Physics Discovery, an introduction to physics. Children ages 8 and up can build 12 models and then conduct experiments with the models to learn about forces and simple machines. Introduction to Mechanical Physics.

PHYSICS DISCOVERY - Build 12 models and then conduct experiments with the models to learn about forces and simple machines. Each model demonstrates a fundamental idea in mechanical physics. For example, you can build a balance scale to learn about lever arms, a freight elevator to learn about pulleys, a bicycle to learn about wheels, a motion picture machine to learn about centripetal and centrifugal forces, and a transmission to learn about gears. Physics Discovery is a smaller, introductory companion to our best-selling Physics Workshop kit. It contains different building projects and experiments, and uses parts that are compatible with all of the kits in our Physics line. The 32-page book offers illustrated instructions for building projects and experiments. Ages 8 and up.

• build a motor, force meter, catapult, balance scale, freight elevator, inclined planes, bicycle, transmission, motion picture machine, water wheel powered crane, dragster and sail car • learn about simple machines and forces • test yourself with a physics quiz

THA 626914 Physics discovery MSRP \$40.95..... \$24.95

PHYSICS WORKSHOP - A more thorough starter kit for children ages 8 and up. By building 36 models and conducting subsequent experiments with the models, children can learn the fundamental laws of mechanical physics, including basic equations involving force, mass, motion, and more.

Almost everyone has heard of a chemistry set. But until this kit was introduced, a physics set was almost unheard of. Physics is an essential science for everyone, and this kit provides a comprehensive explanation of mechanical physics. Through building 36 models and conducting subsequent experiments with the models, you will learn the fundamental laws of mechanical physics. Start by building small models, such as a fixed pulley, to learn about basic forces and simple machines. Then, work your way up to more complex machines, such as a pendulum clock, to learn more advanced concepts like work and centripetal force. This hands-on approach is both fun and effective because the principles of physics are demonstrated right in front of you. This kit includes more than 300 building pieces. The 64-page, full-color manual presents assembly instructions, experiments and explanations in a richly-illustrated, easy-to-follow manner. Ages 8 and up.

• build a windmill, two-speed crane, force scale, sail car, mars robot, hammer machine, centrifuge, pinball game, centrifugal switch, ship's lantern, and dozens of other models • experiment with simple machines: gears, levers, screws, inclined planes, pulleys, wheels and axles • learn and understand the most fundamental physics equations • read about amazing real-world applications for physics

THA 625412 Physics Workshop MSRP \$82.95..... \$49.95

PHYSICS SOLAR WORKSHOP Solar Power Technology in Action

In one way or another, almost every form of energy we use originates as energy from the sun. Solar energy directly powers photovoltaic cells and thermal collectors. Indirectly, we get power from plants grown by the sun, oceans heated by the sun, and Earth's weather systems sustained by the sun. Even the energy stored in fossil fuels originated as energy from the sun, captured by plants and animals millions of years ago. Physics Solar Workshop explores the topic of solar energy, focusing on photovoltaic cells. By building 12 models and conducting 30 experiments, you will learn how solar cells transform light into electrical energy, and how motors and mechanical devices can optimize the work done by this energy. You will build different types of vehicles and machines to demonstrate how gears can convert and transform power for different needs. There are 320 parts, which are also compatible with the other kits in our Physics line. The 64-page book offers illustrated instructions for the projects. Developed with Greenpeace® in Germany. Ages 8 and up.

THA 623715 Physics Solar Workshop MSRP \$96.59..... \$57.95

PHYSICS PRO Advanced Physics Kit

Physics Pro is the biggest, most advanced physics kit. With this kit, you can continue your study of statics and dynamics from previous lessons and begin your study of more advanced topics in physics, including fluid dynamics, energy, oscillation, hydraulics, and pneumatics.

By adding advanced topics like fluid dynamics to your physics repertoire, you can now build some really spectacular models and devices, such as a wind tunnel, pneumatic shocks, and a hydraulic lift. You will see how physics extends far beyond the classroom, giving us an amazing set of tools that can be applied in the real world to engineer marvelous things.

The main focus of the kit is the behavior of the two most important fluids in our world — water and air — and objects immersed in them. You will investigate how air and water rest and flow, what they can carry and how they move. With experiments and models, you will find out what forces work on them and what kinds of energy they possess. You will learn how ships float and airplanes fly, why a streamlined shape lets a car drive faster and how power plants convert a current of water into electrical current.

The 96-page, full-color experiment manual has two major sections. In the first part, you will enter the physics lab, where you will get to know the properties of air and water and become familiar with currents and energy. There is a series of 17 experiments in which you will start building smaller models. In the second part, you will move on to the workshop, where you will build 14 larger models of complex real-world devices. More than 213 parts are included in this kit, which are compatible with all of our other Physics kits.

Ages 10 and up.
THA 625313 Physics Pro MSRP \$129.95..... \$79.95

New



INTRODUCTION TO ELECTRONICS

BY THAMES AND KOSMOS

Discover the digital world with this unique introduction to electronics. Follow the story of Robert M-3, a young robot in the year 2069, who is beginning his education in electronics with an apprenticeship to Sirius Armstrong, the chief electrical engineer on an enormous space station orbiting Earth. As you read about Robert's lessons in electronics, you will conduct experiments alongside him using your Electronics Workshop console.

Start by assembling simple circuits with blinking LEDs and resistors, as Robert travels from Earth to the space station. Once there, he goes from department to department, fixing electrical systems and devices, while you work alongside him.

In the Mars Department, you attend to tasks in the space station's oxygen-supplying greenhouses, such as building moisture sensors for the planters and a timer for controlling oxygen levels. Here, you learn about current, voltage, and resistance. In the Uranus Department, you repair malfunctioning sensors on robots, build a battery tester to test Robert's power supply, and conduct experiments with his transistors and capacitors.

You continue through six more departments, learning about the space station's security, communications, cleaning, entertainment, and educational systems, while getting increasingly advanced lessons in electronics.

By the end, you and Robert will have earned the rank of Space Electronics Assistant First Class. Electronics Workshop 1 is a captivating combination of reading and science, with fanciful stories that enliven the experiments, making for a fun learning experience. Full-color, 68-page experiment manual. Ages 10 and up.

Ages 10 and up
96-page Manual
148 Experiments

THA 615512 Electronics Workshop MSRP \$149.95..... \$89.99



FUEL CELL CARS

Experiment with one of the most promising energy sources of the 21st Century! Find out how environmentally friendly fuel cells work! Learn how this unique reversible fuel cell works to both perform electrolysis and serve as the energy source for your car! Separate water into hydrogen and oxygen to create energy! Store energy for future use! Conduct more than 30 experiments and demonstrations! (Std fuel cell car only).

CONCEPT • Build & Experiment with a Car that Runs on Water!

This new Thames & Kosmos Fuel Cell Car & Experiment Kit provides a playful introduction to one of the most significant technologies of the 21st Century. With this kit you can build a model car that actually runs on water!

Pour in water and watch it separate into hydrogen and oxygen, forming a gas to power your vehicle across the floor. Now that we have your attention, roll up your sleeves and find out more through experiments and demonstrations you can do on your own, in a classroom or with friends.

Fuel cells are one of the most promising means of producing energy in the future. Some fuel cells, such as this one, do not consume fossil fuels and therefore are considered environmentally friendly. Automobile manufacturers are already experimenting successfully with this technology and it is widely believed that fuel cells will power automobiles and many electronic devices including laptops and cell phones, in the near future.

With this unique kit, you can build your own experimental reversible fuel cell car to learn more about this energy source. With more than 30 experiments and demonstrations, provided either in the kit or on the Thames and Kosmos web site, users will learn how a reversible fuel cell works to perform electrolysis as well as to create energy. The electricity required to activate electrolysis is created with a large solar cell included in the kit. During electrolysis, water is separated into hydrogen and oxygen and the resulting energy is stored as a gas. When needed, the gas is fed into the fuel cell, which then serves as the power source.

EXPERIMENTS

30 Experiments included: How to build a solar powered car. Effects of direct and indirect radiation. Characteristics of a solar module. Oxy-Hydrogen test. How to construct and load a reversible fuel cell. Decomposition of water in the fuel cell. Qualitative and quantitative analysis of gas in a fuel cell. How efficient is electrolysis? How light influences electrolysis. Fuel cell-powered car. Add your own experiments!

CONTENTS

Kit includes: Complete reversible fuel cell (hydrocycle system) • Wire • Motor • Chassis • Axle • Gas collector • 4 wheels • Solar panel with support • Syringe • Tube • Digital multimeter • Test tube • Protective goggles • Labels • Bag of small parts for fuel cell • Bag of small electronic parts • Comprehensive lab manual with 30 experiments and demonstrations • (Additionally required: 1 quart of distilled water)

THA620318 Thames & Kosmos Fuel Cell 10 Car & Experiment kit MSRP \$209.99 \$134.95



POWER HOUSE

- Build an Alternative Energy Model House
- Harness the Power of the Sun and Wind
- Conduct 70 Experiments in Physics, Electricity, Magnetism, and Energy Conservation
- Grow, Cook, and Preserve Food and Desalinate Water

POWER HOUSE

CONCEPT • Build & Experiment with a Model Alternative-Energy House

Power House: Experiments in Future Technics provides an engaging introduction to regenerative energy sources while learning basic concepts and principles in physical science. The kit focuses on the heat and light energy from the sun, the energy from the wind, as well as with electrochemical and plant energy. You will learn how to transform and use these forms of energy.

With this *Power House* kit you can build a model house complete with solar panels, windmill, greenhouse, and desalination system. You can build and operate an electric train, windmill, solar cooker, solar hot water tank, hygrometer, electric motor, power hoist, sail car, and more! Plant watercress, prepare sauerkraut, and make chewing gum. Learn how plants convert sunlight into energy for your body and engines.

The thoughtfully designed series of experiments were developed by physicist Uwe Wandrey. Professor Wandrey creatively integrates physical science and technology lessons with the adventure of building a home and living on a remote island. To survive, you must learn how to harness the power of the sun and the wind as well as tap the energy of other physical sources. Easy-to-follow activities make it fun to build models and use them for your experiments.

We hope that building small models such as are provided in *Power House: Experiments in Future Technics* will inspire you to plan and construct something on a larger scale.

EXPERIMENTS • 70 experiments and 20 building projects

The Heat Trap: Construct and experiment with a greenhouse. • **The Sun Furnace:** Collect the sun's rays to heat water. • **The Sun Burners:** Make a solar cooker while learning about the principles of light before you cook rice and bake bread. • **The Water Vampire:** Desalinate water, plant watercress, produce sauerkraut and make chewing gum. • **The Heat Absorbers:** Learn how heat of evaporation provides cooling, conduct experiments about air humidity, build a hygrometer and test a refrigerator. • **Power and Plants:** Grow beans, make a potted plant feed a candle, harvest sunflower energy, build an oil press, and assemble an oil lamp. • **The Energy Converters:** Extract electric current from sunlight and metals in acid, build a light telephone, galvanize a nail and split water into hydrogen and oxygen. • **The Forces of Magnetism:** Generate electric current with magnetic fields. Build a current indicator, electric and solar motors, a transfer switch, and a crane. Lift pencils with the sun and learn about levers. Build an electric car. • **Wings in the Wind:** Build a sail car and learn how wings and sails transform energy. Learn to sail with the wind, by the wind, and against the wind and examine a mixed energy vehicle.

THA626112 Thames & Kosmos Original Power House MSRP \$209.99 \$129.95



FUEL CELL X7

In this version, they have altered the kit to make it accessible to more users, both in terms of content and price. They have created a new manual, focused more on building and designing a fuel cell car, rather than the comprehensive lesson on the science of fuel cells and solar cells found in the first version. They have lowered the minimum age and geared the instructions to a younger audience. The kit has been optimized for simplicity and ease of use over thorough experimentation. With its new focus, some parts have become unnecessary and thus have been removed to reduce the cost. The kit that is right for you or your child will depend on your needs, interest level, and age group.

The full-color, 16-page manual contains easy, step-by-step instructions for assembling and using the car, as well as scientific explanations.

Ages 10 and up.

- assemble a working fuel cell car
- discover how fuel cells work
- use a unique reversible fuel cell
- learn about the potential alternative energies for automobiles
- design your own fuel cell car

THA628777 MSRP \$159.95 \$89.95

Power House Green Essentials Edition!



Learn about alternative energy and sustainable living by conducting thirty of the best experiments and building the ten most important energy-related models from our original Power House kit. The ten building projects include: the power house itself, a greenhouse, a solar cell array, a passive solar collector, a solar oven, an air conditioner, a refrigerator, a hydrometer, a lemon battery, and a wind power generator.

- 64-page, full-color experiment manual
- 30 experiments and 10 building projects
- Ages 10 and up

**THA 626114 MSRP \$114.99 74.99 ea
3 + 69.99 ea**



LITTLE MOE Little Moe is a small, lightweight mousetrap powered racer that is designed for both speed and distance. Little Moe is designed to maximize its mousetrap's energy output over a 75% greater travel distance and increase in efficiency while reducing the overall loss of energy from friction. Little Moe can be assembled in less than 30 minutes for most first time builders and will travel from 15-30 meters. Size : length = 13 inches, width = 6 inches, lever arm = 6 inches.

DF1710 Little Moe MSRP \$12.99 **\$8.49**
10+ **\$6.89**

THE BASIC KIT Basic Kit - The Basic Kit is our top selling mousetrap powered vehicle kit and it has continues to be a favorite among students and teachers around the world since 1996. The Basic Kit is a distance vehicle designed to maximize the mouse trap's energy output over a 200% greater travel distance while reducing the overall loss of energy from friction and increasing the efficiency. The Basic Kit can be assembled in less than 30 minutes and will travel from 25-45 meters for most first time builders. Size : length = 21 inches, width = 6 inches, lever arm = 12 inches

DF1712 The Basic Kit MSRP \$24.99 **\$15.50**
10+ **\$12.49**
 DF171230 The Basic Kit 30 pk W/ How to Book MSRP \$525.00 CLASS PACK **\$315.00**

THE BASIC KIT II A mouse trap car designed for success. This mouse trap powered car is designed for those who are serious about winning, The Basic Kit II features many enhancements to our top selling Basic Kit I that makes the Basic Kit II a guaranteed winner. The Basic Kit II is designed to maximize the mousetrap's energy output over a 200% greater travel distance while reducing the overall loss of energy because of friction. The Basic Kit II can be assembled in less than one hour and will travel from 35-65 meters for most first time builders. Size : length = 21 inches, width = 6 inches, lever arm = 12 inches.

DF1714 The Basic Kit MSRP \$24.99 **\$16.99**
10+ **\$15.49**

CAN DEW KIT Carries a full soda can 15 - 20 meters. Can-Dew is designed to carry a full sized soda can over a 15 meters distance. Can-Dew has a special cargo bay that will hold a full sized soda can, egg, large mass, or just about thing you can dream-up. Can-Dew is designed to maximize the mousetrap's energy output over a 75% greater travel distance while reducing the overall loss of energy from friction and increasing the efficiency. Can-Dew's secret to success is the design of its high torque gearing system that generates a tremendous amount of torque and power output capable of caring large loads over great distances. Can-Dew can be assembled in less than 30 minutes and will travel from 15-20 meters with a full soda can for most first time builders. Size : length = 21 inches, width = 6 inches, lever arm = 12 inches.

DF1716 Can Dew Kit MSRP \$22.99 **\$14.49**
10+ **\$12.99**

DOUBLE TROUBLE Twin-powered turbo racer. This twin-powered mousetrap racer is turbo charged with two mousetraps for twice the fun and twice the power output. Just like all our kits, Double Trouble is designed to maximize the mousetrap's energy output over a 200% greater travel distance while reducing the overall loss of energy from friction. Double Trouble can be used for any challenge that allow for the use of two mousetraps. Double Trouble will travel from 40-80 meters for most first time builders.

Size : length = 21 inches, width = 6 inches, lever arm = 12 inches.
 DF1718 Double Trouble MSRP \$25.99 **\$15.99**
10+ **\$14.49**

BUILD YOUR OWN KIT You design it and you build it. The Build Your Own Kits is a complete do-it-yourself mousetrap racer kit that includes all the hard-to-find parts for building your very own record setting mousetrap powered racer. The Build Your Own Kit comes with a top-secret construction guide that is filled with tons of performance tips and secrets developed over the years by the pros. You will also get a collection of sample mousetrap vehicle designs to get you started building your own record setting racer right away. All the hard-to-find parts. You could spend all day trying to find all the parts that are in this kit and still probably never find everything. The Build Your Own Kit comes with all the top-secret components that are used on many of Doc Fizzix's own mousetrap racers including the impossible and hard-to-find DVD-Layers that have half the rotational inertia of a normal CD, eight DVD/CD spacers, and a full meter of ultra thin Kevlar string. Includes the following: balsa wood (1 - 18"x3", 1 - 12"x3") , DVD wheels, DVD/CD spacers, brass axle tubing, brass lever arm, Victor mousetrap, thrust bearings, axle hook, step-by-step plans, kevlar string, and secret performance tips. Tools needed: glue, needle-nose-pliers.

DF1720 Build your own kit MSRP \$16.99 **\$10.49**
10+ **\$9.99**

DVD LAYER WHEEL & AXLE The winning edge is DVD layers Give yourself the winning edge over the rest of the competition. DVD Layers have half the thickness and have half the rotational inertia of a normal CD. Vehicles that use DVD layers require less pulling force and will see an increase in travel distance from 5-15 meters more than with CDs because more of the mousetrap's energy goes into the forward motion of your vehicle instead of the rotational motion of the wheels. Also, DVD layers will have much less air-friction than normal CD wheels. With this set-up you get everything you need to attach your DVD layers to your vehicle including axles, spacers, thrust washers, and step-by-step plans.

Set includes the following: 4-clear DVD layers, 8-DVD/CD spacers, brass axle tubing, 4-thrust bearings, axle hook, kevlar string, and step-by-step plans.
 DF1726 DVD Layer Wheel & Axle Set MSRP \$10.99 **\$6.89**
10+ **\$6.29**

CD/DVD WHEEL SPACER SET A must have part for all mousetrap racers The CD/DVD wheel spacer is designed to fit perfectly inside the hole of a normal CD/DVD so it can then be attached to a standard sized 3/16 inch brass axle. These CD/DVD spacers are made of flexible rubber and designed for mousetrap powered racers. Not just for wheels, these spacers can also be used to center an axle between the frame of your vehicle in order to cut down on the "side-to-side" movement of an axle. This is a hard to find item and is really a "must have" part for making a mouse trap powered racer. CD/DVD spacers come in a pack of 20 with a complete step-by-step instruction guide. Includes the following: 20 CD/DVD Spacers and complete instructions.

DF1728 CD/DVD Wheel Spacer Set MSRP \$9.99 **\$5.89**
10+ **\$5.49**

How To Book Step-by-step instructions makes it easy and fun The most up-to-date and informative mousetrap powered car manual ever written with all new earth-shattering secrets for 2009. Selected by students and teachers world wide as the best resource available for learning how to build winning mouse trap powered racer. Learn how to build the ultimate speed-trap dragsters, long distance racers, boats and more with easy to follow step-by-step plans written for beginners and seasoned veterans alike. This book is designed to eliminate the guesswork! Mousetrap Cars: The Secrets to Success includes over 159 pages of secret construction tips, instructions, design plans, formulas, experiments, and more. download a sample now The best selling mousetrap vehicle guide.

Mousetrap cars: the secrets to success was the first publication ever written that was devoted exclusively to building contest winning mouse trap powered cars, boats, and vehicles and has sold more than 82,000 copies worldwide since 1996. There is no other publication that contains the volume or quality of information that is presented in the secrets to success, it is years ahead of the rest.

Great teaching tool for any level of student. Paging through the book you will quickly see that it is much more than a "how-to-guide," it is the ONLY publication that will teach you the science and the physics behind building a winning mouse trap powered racer. Written by Doc Fizzix for students of any age with hundreds of diagrams for visual learners. Doc Fizzix was the 1996 Science Teacher of the Year.

Topics include: motion, friction, wheels, newtons laws, momentum, center of mass, rotational inertia, hooks law, energy, mechanical advantage, torque, and so much more.
 DF1730 How To Book MSRP \$14.95 **\$9.49**

MIDWEST PRODUCTS



MOUSETRAP RACER KIT

Each kit comes complete with precut parts and detailed instructions. Now lower grade level students (recommended for 4th grade and up) can participate in mousetrap racing. Because each student receives the same material, the instructor maintains control - the only variable being the effort and creative problem-solving abilities of the student.

Grades 4 and up.

MID543 12 pack MSRP \$133.99 **\$79.99**

MOUSETRAP RACER DESIGNER ASST (NOT PICTURED)

Midwest's Products original mousetrap racer designer assortment is available to those who prefer to challenge their students with a creative problem-solving approach. They offer all the parts necessary to construct a vehicle of the students own design. Because each student receives the same material, the instructor maintains control - the only variable being the effort and creative problem-solving abilities of the student.

Includes:

- Mousetrap (power supply) - Balsa blocks (chassis, wheels, superstructure)
- Plywood discs (wheels) - Dowels (axles)
- String (transmission) - Rubber bands (tires)
- Brass eyelets (bearings) - Suggested rules for competition

Grades 6 -12

MID541 12 pack MSRP \$79.99 **\$51.95**



AC's RAT RACER KIT

This "AC Rat Racer " provides students with all the necessary materials required to build their own "personalized" mousetrap racer. It is a study in creative problem solving and contains a body, axles, washers, mousetrap, plastic wheels and more. A basic outline for competition is provided with broad guidelines to allow students to customize their racers with any variety of materials.

MST100 MSRP \$6.29 **\$3.79**



MOUSETRAPS

Victor Brand - The same mousetraps used in all our popular assts.

MST1000 MSRP \$81.99 100 per package **\$49.50**

MST1010 MSRP \$15.99 10 PER PK **\$6.45**

BALLOONS

5" balloons to power your projects

BAL005 5" balloons 144 pcs MSRP \$5.99 **\$3.60**

PING PONG BALLS

1 1/2" ping pong balls

PPB100 12 ping pong balls MSRP \$3.99 **\$2.75**

12 + pks (price per pk) **\$2.50**

K'NEX COMPUTER CONTROL - STEM SETS! (MORE ONLINE!)



for 2013



DISCOVER CONTROL

STEM concepts come to life as students build and control K'NEX models using the K'NEX Discover Control Box.

Build and control K'NEX models without a computer!

- The K'NEX Learn and Go is an intelligent control box that can remember the order and duration in which switches are pressed, and the time between the presses, then play back from memory. Stores up to 64 actions and allows for multiple out puts (motors, LEDs, buzzer) to be controlled simultaneously.
- Students can write programs to control on screen models, then build and control the same K'NEX models using the Learn and Go control box.
- Models are fully functioning replicas of real-world machines, including a Swing Ride, Traffic Lights, Amusement Park Ride, Double Ferris Wheel and Multi-Motor Car.
- Compatible with interactive whiteboards.
- Builds 5 K'NEX models, one at a time. Supports 1 - 2 students working as a team.
- Includes 254 K'NEX parts, Learn & Go Control box and software, 2 motors, 2 LEDs, 1 Buzzer, building instructions and student challenges.

Key Concepts

- Linear thinking and programming
- Use logical and sequential thinking to design programs
- Critical Thinking & Problem Solving
- Design and alter machine operations to meet stated needs
- Forces & Motion • Systems and Organization
- Design Process/Engineering Design Process • Troubleshooting
- Patterns and Representations • Order objects and extend patterns
- Optimization • Communicate Mathematical thinking

KNX79014 MSRP \$384.99 **\$239.99**

COMPUTER CONTROL STEM EXPLORATION

Exciting STEM set for Middle and High School Classrooms

- Students first learn and practice programming skills with 3-D representations of K'NEX models on-screen. The on-screen models respond to commands programmed in the Learning Tasks outlined in the lesson plans.
- Build fully functioning K'NEX models, design computer programs, and use the K'NEX Computer Control Interface to communicate with and operate the models to solve Challenge Activities outlined in the lesson plans.
- Builds 9 models: 3 Cars, Garage, Toll Booth, Swing Bridge, Amusement Park Ride, Programmable Safe, and Hockey Goalie. Up to two models can be built simultaneously.
- PC and Interactive whiteboard compatible.
- Includes 822 K'NEX Parts, K'NEX Computer Control Interface and software, 2 motors, 2 LEDs, 1 buzzer, 2 push buttons, 4 magnets, 2 reed switches, comprehensive teacher's guide with 9 lesson plans and building instructions.
- Aligned to National Science, Technology, Engineering, and Math Standards.

Key Concepts

- Exploratory and Discovery Learning
- Critical Thinking & Problem Solving
- Computer Control Technology
- Energy Transfer and Motion
- Design Process/Engineering Design
- Real-World Mathematics
- Measurement
- Data Presentation and Analysis
- Troubleshooting and Optimization
- Invention and Innovation
- Linear and branched logic
- Rate and Degree
- Evaluation and Redesign
- Cost Analysis

KNX79118 MSRP \$709.99 **\$399.99**

DNA REPLICATION & TRANSCRIPTION SET

BONUS - Teachers guide on CD now included with every DNA set !



GRADES 5 - 12

Build 7 DNA and mRNA molecules using the 521 K'NEX pieces and the 20 page full color building instructions booklet. This wonderfully flexible set allows students to build and learn about phosphate groups, deoxyribose and ribose sugars, hydrogen bonds, codons, nucleotides, and much more.

National Science Education Content Standards

Life Science - Content Standard C

As a result of their activities in grades 5 - 8, all students should develop Understanding of:

- Reproduction and heredity

Life Science - Content Standard C

As a result of their activities in grades 9 - 12, all students should develop understanding of:

- Molecular basis of heredity

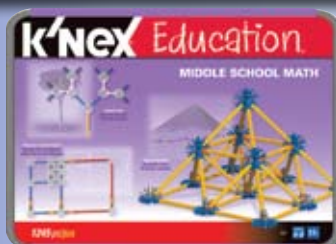
SET INCLUDES

- 521 K'NEX pieces and a 20 page full color building instruction booklet.
- Builds 7 curriculum related models, 4 at a time, thus allowing 4 groups of students to work simultaneously
- Pieces easily unsnap for replication and transcription activities.
- Models include:
 - Parent DNA molecule unwound
 - Parent DNA molecule as a flexible double helix
 - Parent DNA molecule on a stand
 - 2-unwound parent/daughter DNA molecules
 - 2-parent/daughter DNA molecules on stands
 - 2 - mRNA molecules transcribed from DNA molecules
- Packed in a strong, stackable storage case with moveable dividers and transparent lockable lid

KNX78780 Dna Single Set MSRP \$71.99\$46.87

Each DNA set now includes teacher guide on CD (19.99 value)

MIDDLE SCHOOL MATH



MIDDLE SCHOOL MATH, ALGEBRA & GEOMETRY

Explore complex Math & Geometry concepts with the K'NEX Education "Middle School Math" set.

Explore complete Math & Geometry System

Includes 1,245 K'NEX pieces

Curriculum support Teacher's Guide

Includes 4 sets of building instructions

Supports 12 - 16 students

Ages 11 & up

KNX79025 MSRP \$228.99\$137.50

To view NCTM standards for this set go to
www.acsupplyco.com



ELEMENTARY MATH & GEOMETRY



NCTM Curriculum Standards for grades K-4

- Geometry and Spatial Sense
- Number Sense and Numeration
- Mathematics as problem solving
- Measurement
- Mathematics as Reasoning

ELEMENTARY MATH & GEOMETRY

- 131 K'NEX parts and instructions to build 144 models
- Students can construct squares, rectangles, trapezoids, rhombi, prisms, quadrilaterals, plus symmetry and fraction models
- 12 challenges included to fine tune understanding of shape characteristics and attributes
- Set supports 34 students working as a team
- Comes packaged in a strong, plastic storage case with dividers and locking lid

KNX78720 MSRP \$48.99.....\$33.99

INTERMEDIATE MATH SET

New
Released



INTERMEDIATE MATH SET

The K'NEX Intermediate Math Set is an excellent tool for building fundamental quantitative skills through active, constructive learning. The curriculum, in the form of a 36-page Color Educator Guide, 28 Color Overhead Transparencies and 28 B&W Reproducible Masters, focuses on fundamental math skills for grades 4-6.

Key Concepts

- 2-dimensional shapes and shared attributes
- 3-dimensional shapes
- Lines and Line segments
- Rays and angles
- Congruence and similarity
- Symmetry and position
- Sequencing and patterning
- Rounding and estimating
- Comparing fractions

KNX79028A Intermediate Math Set MSRP \$192.99\$114.67

To view NCTM standards for this set go to
www.acsupplyco.com

SIMPLE MACHINES



K'NEX



EXPLORING MACHINES GRADES 5 - 8

- Fully comprehensive simple machines set for middle school. Contains 1432 pieces and color coded building instructions to build 30 different models.
- You can build 4 of each model simultaneously.
- Models demonstrate 1st, 2nd, & 3rd class levers; fixed moveable, compound and block & tackle pulley systems; wheels and axles with the force applied to both the wheel and axle; inclined planes screws and wedges; spur, crown, sprocket, rack & pinion, transmission and differential gear systems.
- A teachers guide is included in the set. It contains both key facts and inquiry based lesson plans on each model. Plus, design briefs for students to create their own working models based on concepts being studied.

MODELS INCLUDED

Levers - Balance, Tweezers, Stapler, Scissors, Rowboat, Piano, Hammer, Fishing Rod, Bottle Opener, Nutcracker

Inclined Planes - Dump truck, Spiral Staircase, Axe, Archimedes Screw

Pulleys - Tow truck, Block & Tackle, Crane, Elevator, Garage Door,

Gears - Egg beater, Transmission, Carousel, Crank Fan, Conveyer Belt, Chain Saw, Rack & Pinion

Wheels & axles - Wrench, Screwdriver, Sawmill, Paddle boat.

National Science Education Content Standards Science as Inquiry Content Standard A

As a result of activities in grades 5 - 8, all students should develop:

- Abilities necessary to do scientific inquiry
- Understandings about scientific inquiry

Standards for Technological Literacy Energy and Power Technologies

The role of troubleshooting, Research and Development, Invention and Innovation, and Experimentation in Problem Solving

Content Standard 10

In order to be able to comprehend other problem solving approaches, students in grades 6 - 8 should learn that:

- Invention is the process of turning ideas and imagination into devices and systems

KNX78600 Exploring Machines MSRP \$207.99 \$124.63

BONUS

Build the Big Ball Factory with this set!



SIMPLE MACHINES DELUXE SET (EXTRAVAGANZA)

Build Bridges, machines & the Big Ball Factory with this great Bonus Set Get the Simple Machines Master Set plus instructions for the ultimate complex machine-the K'NEX Big Ball Factory. Use this 4 ft. tall Rube Goldberg building challenge to tie the unit together. Set balls in motion for travel through the various simple machines. Set includes 3100 K'NEX pieces (1700 additional pieces), building instructions for the Big Ball Factory and 52 simple machine models, teacher's guides, motor and storage tub. Supports 40+ students.

National Science Education Content Standards Physical Science

- Motions & Forces
- Transfer of Energy

ITEA Standards for Technological Literacy Assess the Impact of Products and Systems

- Use instruments to collect data
- Use collected data to find trends
- Identify Trends

KNX79520 Simple Machines Deluxe Set w/Bonus
MSRP \$509.99 \$284.40

INTRO TO SIMPLE MACHINES

TEACHERS GUIDE ON CD now included in every intro set! including: 78610, 78620, 78630, 78640, 78780 \$19.95 value!



INTRO TO LEVERS AND PULLEYS GRADES 3 - 5

- Build 9 different real-world models one at a time.
- Set includes building instructions for each model with real-life photo and key facts.
- Models demonstrate 1st, 2nd, and 3rd class levers, along with fixed, movable, and combination pulley.
- 161 pieces support three students working in a team;
- Comes packed in a strong plastic storage case with moveable dividers and lockable lid

KNX78610 MSRP \$53.99 \$33.99



INTRO TO WHEELS, AXLES AND INCLINED PLANES GRADES 3 - 5

- Build 7 different real-world models one at a time.
- Set includes building instructions for each model with real-life photo and key facts.
- Models demonstrate how a wheel turns an axle, how an axle turns a wheel, inclined plane, screw, and wedge.
- 194 pieces support 3 students working in a team;
- Comes packed in a strong plastic storage case with moveable dividers and lockable lid Grades 3 - 5.

KNX78620 MSRP \$53.99 \$33.99



INTRO TO GEARS GRADES 3 - 5

- Builds 7 different real-world models.
- Set includes building instructions for each model with real-life photo and key facts.
- Models demonstrate 2 spur gear examples, 2 crown gear examples and 2 sprocket gear examples.
- 182 pieces support 2 - 3 students working in a team, Grades 3 - 5
- Comes packaged in strong plastic storage case with dividers

KNX78630 single pk \$53.99 \$33.99

BRIDGE BUILDING



REAL BRIDGE BUILDING GRADES 5 - 8

- Define characteristics and the differences between the 7 bridge types ... why build a suspension bridge instead of an arch bridge?
- Investigate how different bridge types hold their loads.
- Evaluate the strength and stability of each bridge type through experimentation
- Determine and calculate costs involved with building a bridge.
- Solve various bridge design challenges based on the key fact background data provided

Set includes

- 2282 pieces to build seven 5'-6' long replicas of real world bridges one per bridge type 2 at a time
- Builds two models at a time. Support 8 - 12 students from grades 5 and up
- Reusable materials - eliminates need for expensive consumables such as balsa wood
- Teachers guide included focus on design briefs and exploration of tension, compression and stress aspects of structures
- Two building instruction booklets plus a FREE CD Rom to print off additional instructions as required. Models include replicas of the Fourth of Fifth Cantilever Bridge (Scotland), Tower Bascule Bridge (London), Golden Gate Suspension Bridge (San Francisco), Chesapeake Bay Beam Bridge (Virginia Beach), Columbia River - Astoria Truss Bridge (Oregon), Sydney Harbor Arch Bridge (Australia), and the Dames Point Cable-Stayed Bridge (Jacksonville).
- Build seven 5' long replicas of Real World Bridges. One per bridge type, 2 at a time.

National Science Education Content Standards Science and Technology Standard E

As a result of their activities in grades 5 - 8, all students should develop:

- **Abilities of technological design**
- **Understanding about Science and Technology**

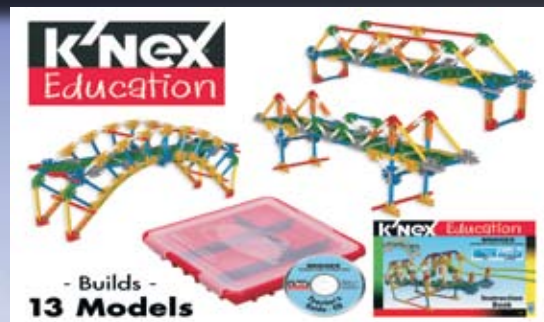
Standards for Technological Literacy

The Attributes of Design Content Standard B

In order to comprehend the attributes of design, students in grades 6 - 8 should learn that:

- **Design is a creative planning process that leads to useful products and systems**

KNX78680 Real Bridge Building MSRP \$299.99 **\$179.99**



INTRO TO STRUCTURES BRIDGES

- Build 13 different bridge models, one at a time.
- Set includes building instructions with real - life photo and key facts
- Models demonstrate 7 Key bridge types: beam, truss, arch, cantilever, suspension, cable-stayed, and moveable/bascule.
- 207 pieces support 3 students working in a team:
Grades 3 - 6.
- Comes packaged in a strong plastic storage case with dividers.

Benchmarks for Science Literacy

AAAs - Project 2061

3b - Design and Systems

By the end of 5th grade students will know that there is no perfect design. Designs that are best in one respect (safety or ease of use) may be inferior in other ways (cost or appearance). Usually some features must be sacrificed to get others

KNX78640 MSRP \$53.99 **\$33.99**
BONUS - Teachers guide on CD now included in every Intro to Bridges Set!

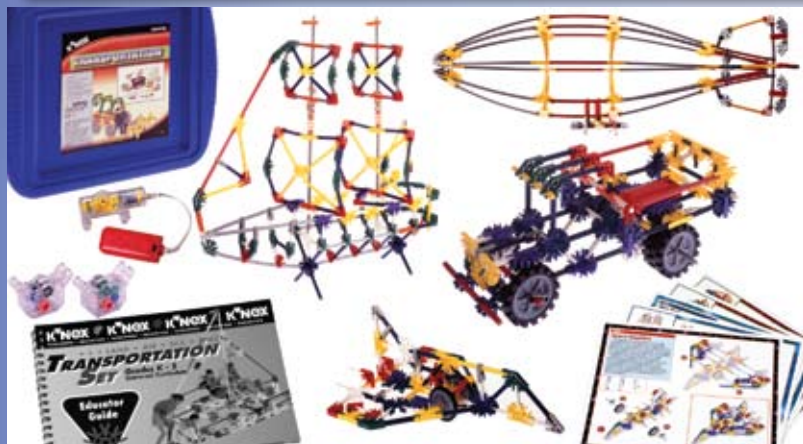
K - 8 CONSTRUCTION



K - 8 GENERAL CONSTRUCTION

- 1475 K'NEX parts and 2 instruction books to build 80 models, many motorized.
 - 1 spring motor and 1 power pack motor provided.
 - Supports 12 students through multiple grades and project opportunities.
 - Packed in a strong storage tray with dividers and lid.
- KNX79818 MSRP \$259.99 **155.99**

TRANSPORTATION SET



TRANSPORTATION SET

The Transportation set is an excellent set to introduce kids to the K'NEX spatial building system. It is perfect for initial building experiences in a small group or after-school setting. Build 44 models of varying complexity from activity cards with background information about the vehicles' origin, purpose and function.

Teacher's Guide Included!

Educators guide is divided into four sections - one each for land, air, sea and space travel. This allows each to function as a stand-alone unit or to be plugged into a corresponding topic or unit.

- 800 K'NEX pieces with 44 activity cards and a 60 page Teachers Guide
 - Perfect topic for Grades 1 - 4. Models included: land, sea, air and space
 - Supports 16 Students working in Teams
- KNX79212 MSRP \$206.99 **\$123.99**

ENGINEERING MARVELS: BUILDINGS, STRUCTURES AND MACHINES

ENGINEERING MARVELS

- Systems and Order within Systems
- The Technological Design Process and Problem Solving Identifying and Using Patterns as Recurring Elements
- Careers in Technology and Engineering
- Science and Technology Concepts that could Solve Practical Problems
- Motion and Energy Transfer in Physical Systems
- Processes of Inventions and Innovations
- Modeling, Testing, Evaluating, and Modifying
- Construction Technologies
- Build nine real world models that demonstrate Science, Technology, Engineering, Mathematics, (STEM) and History concepts.
- Build eight of the models two at a time.
- Set includes 1221 Rods, Connectors, and New! K'NEX Bricks to support 6 – 8 students working in teams of 3 – 4.
- Models include: Eiffel Tower, Seattle Space Needle, Flying Buttress System, Windmill, Crane, Big Ben, Arc de Triomphe, the CN Tower and the first iron bridge.
- Comprehensive, interdisciplinary Teacher's Guide including student readers and career explorations.
- Comes packaged in a strong storage case with movable dividers and transparent snap-on lid.



KNX78480 MSRP \$239.99\$129.99

RENEWABLE ENERGY

New



RENEWABLE ENERGY

- An outstanding series of STEM investigations for secondary school students.
- Students generate electricity to operate models as they experiment with renewable energy systems.
- Students will compare and contrast the power and efficiency that can be realized from wind, solar, and water powered machines.
- Three groups of students will work simultaneously on projects of real-world significance as they learn about issues and concepts that will impact our future.
- Set includes 550 K'NEX pieces and color-coded building instructions to build 9 curriculum related models. Builds 3 models at a time.
- One 1.38v - 500mA solar panel, 3 motors and power cords, and 1 capacitor for energy storage included.
- Comprehensive teacher's guide with inquiry-based lesson plans and background information is included.
- Renewable Energy Key Concepts
- Solar, Wind and Hydropower
- Energy Storage
- Electrical Energy Generation
- Hydroelectric Energy Generation
- Energy Efficient Technologies
- Green Energy/Clean Energy
- Force, Motion, Work and Power
- Reducing Greenhouse Gas Emissions
- Energy: Radiant, Mechanical, Electrical
- Reducing Dependence on Foreign Energy
- Conservation of Energy
- Kinetic and Potential Energy
- Innovation and Invention
- Mechanical and Electrical Systems
- Newton's Laws

KNX78976 MSRP \$249.99\$139.99

FORCES, ENERGY & MOTION



FORCES, ENERGY & MOTION

- 442 K'NEX Rods and Connectors plus 2 battery motors, 2 flywheels motors, and 4 transparent spring motors included.
- Instructions to build 11 models; 4 of most can be built simultaneously (2 of each battery and flywheel racers) using color coded building instruction books (4 sets)
- Use Comprehensive teachers guide with 7 inquiry based lesson plans to investigate the principles of potential and kinetic energy.
- Supports 12 – 16 students working in teams of 2 – 3

National Science Education Content Standards Physical Science

- Motion and Forces
- Transfer of Energy

Standards for Technological Literacy

Assess the impact of products and systems

- Use instruments to collect data
- Use collected data to find trends
- Identify trends

KNX78790 MSRP \$191.99\$114.99

ENERGY, MOTION & AERONAUTICS

New

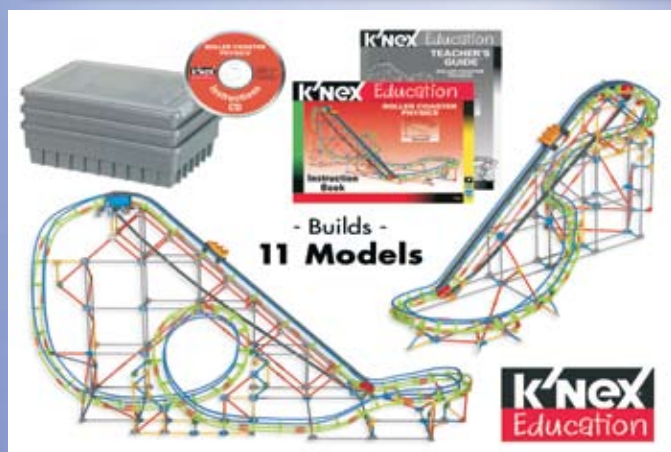


ENERGY, MOTION & AERONAUTICS GRADES 6 - 8

1430 PCS BUILDS 9 MODELS 3 AT A TIME • Supports up to three groups of 2 - 3 students working in teams. This exciting set helps students learn about real-world concepts and principles in the continually expanding field of engineering. Developed in partnership with the NASTAR (National AeroSpace Training and Research) Center, the realistic and fun models allow three groups of students to simultaneously explore Newton's Laws, mechanical systems, projectile motion, airplane flight surfaces, aeronautic and aerospace training devices, parachute technology, optical illusions, and much more. The comprehensive teacher's guide includes lesson plans, background information, teacher notes and reproducible worksheets. Aligned to state and national standards.

Newton's Laws • The Design Process/Engineering Design • Data collection, graphing and analysis
Forces, Energy and Motion • Testing, Evaluating and Modifying • Systems and Organization
Models and Prototypes • Ratios and Proportions • Measurement • Problem Solving and Experimentation
KNX79621 MSRP \$249.99\$149.99

ROLLER COASTER & AMUSEMENT PARK



ROLLER COASTER PHYSICS

- 2037 K'NEX pieces to build 11 different classic roller coaster designs including:
Large roller coaster with clothoid loop, Half pipes (with loops) Inclined planes (with curves and loops) Ball Ramps.
- Build 2 large model simultaneously.
- Compatible with data logging sensors from Vernier, Pasco, Texas Instruments.
- A 59 page teachers guide includes 11 lesson plans; formative rubrics, correlation with National and Math Standards.
- Supports 8 students in grades 10 - 12
- All stored in 3 large silver storage trays, with movable dividers and snap-on lids

MODELS INCLUDED

- *Large Roller Coaster with Clothoid Loop
- 2 Half-Pipe systems
- 2 Inclined Planes
- Inclined Plane with Circular Loop
- *Roller Coaster without Loop
- Half - Pipe System with Loop
- Inclined Plane with Curve
- Inclined Plane with Clothoid Loop

*Denotes motorized model

National Science Education Standards (NSES)

Physical Science Grades 9 - 12: Motion and forces; Conservation of energy and increase in disorder.

International Technology Education Association (ITEA).

Standards for Technological Literacy core concepts of technology
Grades 9 - 12: Systems: Processes; Requirements

Key Concepts

- Projectile Motion
- Centripetal Force and Acceleration
- Conservation of Energy
- Experimental Design

KNX78880 MSRP \$384.99 **\$212.99**



AMUSEMENT PARK EXPERIENCE

- A 2264 piece set to build (2) swing rides, (4) ferris wheels, a pirate ship, or (4) boom rides.
- Build at least 1 roller coaster and 1 other model at a time. 2 motors included.
- Build clothoid loops, circular loops, inclined planes, ball ramps, half pipes and cam operated carousels.
- Compatible with datalogging sensors from Vernier, Pasco, Texas Instruments.
- 78 - page Inquiry based teachers guide included.
- Supports 8 students in grades 6 - 9

MODELS INCLUDED

- *Large, Looped Roller Coaster
- *Carousel
- *Boom Ride
- Inclined Plane Systems
- Pirate Ship Rides
- Inclined Plane with Circular Loop
- Gravity-Fed Double Hill Systems
- *Scrambler Ride
- *Ferris Ride
- *Swing Ride
- Half Pipe

* Denotes motorized option for model

National Science Education Standards (NSES)

Physical Science Grades 5 - 8: Motion and forces; Transfer of energy.

International Technology Education Association (ITEA).

Standards for Technological Literacy: the role of troubleshooting, research and development, invention and innovation, and experimentation in problem solving - grades 6 - 8: troubleshooting; invention and innovation; and experimentation

Key Concepts

- Speed, Distance, Time
- Mass, Motion, Energy Loss
- Rotational Motion
- Slope and Displacement
- Mathematics and the Amusement Park
- Period of a pendulum

KNX78890 MSRP \$384.99 **\$212.99**

ACCESSORIES



EDUCATION MOTOR PACK

- Motorize your K'NEX models to make them more realistic with these 2 battery powered motors.
Each motor requires 2 AA batteries (not included)
- Turn Concept models into "Technology at Work"
- Build, Investigate, and experiment with motorized models that have constant speeds and continuous operation.
- Build two models of the same device with different gearing systems and operate them side by side to observe the effects of the gearing variations, increased speed and increased force!

KNX78910 DC Motor Twin pk \$33.99..... **\$20.99**

EVEAA4 Eveready Energizer AA Alkaline batteries MSRP \$5.89 **\$3.49**

AGES 3 - 7**Kid K'NEX CLASSROOM COLLECTION**

- 267 big, soft, chunky Kid K'NEX pieces including 12 eyes, 6 feet and 6 wings/ears, rods and connectors.
- Strengthens kinesthetic skills, perception, and fine motor skills
- Supports 12-16 students; ages 3 - 7 years old
- 8 two-sided full-color pattern cards included

KNX78690A MSRP \$124.99 **\$74.00**

**Kid K'NEX GROUP SET**

- 126 big, soft, chunky K'NEX rods, connectors, eyes and ears
- 4 two-sided full color pattern cards included
- Supports 6 - 10 students; ages 3 - 7 years
- Packed in a strong sturdy storage tub

KNX78750 MSRP \$74.99 **\$44.00**

**Kid K'NEX TRANSPORTATION**

- 149 Kid K'NEX pieces including 24 wheels 10 of which are "supersized" and 6 are truck wheels.
- 6 two sided full color building cards
- Build all 6 models from building cards simultaneously
- Set comes packed in a large storage tub with lockable lid
- Developmentally appropriate for Foundation Stage (3 - 7 yrs)

KNX78830 MSRP \$126.99 **\$75.99**

**Kid K'NEX CREATURES**

- 245 big, soft, chunky Kid K'NEX pieces including 14 eyes 11 dorsal fins and 4 bird feet
- 7 two sided full color building cards
- Build any 8 of 13 different models from building cards simultaneously
- Ideal for 12 children for Science, Nature or Creature curriculum; ages 3 - 7 years old
- Set comes packed in a large yellow storage tray with dividers and lock on transparent lid.
- Developmentally appropriate for Foundation Stage (3 - 7 yrs)

KNX78820 MSRP \$125.99 **\$75.99**

YOUNG ELEMENTARY**DISCOVERY BUILDING SET**

- 256 K'NEX pieces to build 20+ models, a great introductory set for spatial, 3-D building
- Ideal 2-3 student group set; grades 1 and higher
- Comes packaged in a strong, stackable storage solution with dividers
- Perfect addition to existing K'NEX sets for use as a central class resource for group projects.

KNX78650 MSRP \$55.99 **\$32.99**

**NCTM Curriculum Standards for grades K-4**

- Geometry and Spatial Sense
- Number Sense and Numeration
- Mathematics as problem solving
 - Measurement
- Mathematics as Reasoning

ELEMENTARY MATH & GEOMETRY

- 131 K'NEX parts and instructions to build 144 models
- Students can construct squares, rectangles, trapezoids, rhombi, prisms, quadrilaterals, plus symmetry and fraction models
- 12 challenges included to fine tune understanding of shape characteristics and attributes
- Set supports 3-4 students working as a team
- Comes packaged in a strong, plastic storage case with dividers and locking lid
- Teacher's guide sold separately

KNX78720 MSRP \$48.99 **\$33.99**

BONUS - Teachers guide on CD now included in every Elementary Math & Geometry set!

BANDSAW BLADES

We make and guarantee only the best!

Ordering blades from AC Supply is as easy as 1 2 3

Check the **MOST COMMON BLADES** chart and see if the blades you want are listed! If not follow the 3 easy steps.

1. Determine the styles available, (hook, skip, etc.) and teeth per inch from the **COIL STOCK** chart
2. Determine the cost for a specific length from the **COST LIST for HEF or HB Blades**.
3. Go to the stock no. chart to create your order # for your special blades and call us toll free at **1-800-536-0238**.

MOST COMMON BLADES

These Skip and Hook tooth blades are hardened halfway through (HEF) for cutting wood or non-ferrous metals. 3 and 4 tooth blades are skip tooth. 6 tooth blades are hook tooth. 3/16", 1/4", 3/8" and 1/2" blades are .025" thick and 3/4" blades are .032" thick.

Stock No.	Fits	Length	Width	TPI	Each
QS05612421	Delta small	56 1/8"	3/16"	4	12.47
QS05613421			1/4"	4	12.47
QH05613431			1/4"	6	12.47
QS05614421			3/8"	4	13.02
QS07163421	Delta 10 "	71 3/4"	1/4"	4	12.79
QS07164421			3/8"	4	13.33
QS07165421			1/2"	4	14.22
QS08002421			3/16"	4	13.52
QS08003421	Sears	80"	1/4"	4	13.52
QH08003431			1/4"	6	13.52
QS08004421			3/8"	4	14.23
QS08005421			1/2"	4	15.92
QS08303421	Atlas 12"	83"	1/4"	4	13.52
QS08304421			3/8"	4	14.23
QS09202421	J-line 14"	92"	3/16"	4	14.27
QS09203421			1/4"	4	14.27
QH09203431			1/4"	6	14.27
QS09204421			3/8"	4	15.04
QS09342421	Delta - 14"	93 1/2"	3/16"	4	14.27
QS09343421			1/4"	4	14.27
QH09343431			1/4"	6	14.27
QS09344421			3/8"	4	15.04
QS09345421			1/2"	4	16.20
QS09346611			3/4"	3	17.87
QS09602421	Powermatic - 14" New	96"	3/16"	4	14.64
QS09603421			1/4"	4	14.64
QH09603431			1/4"	6	14.64
QS09604421			3/8"	4	15.68
QS09605421			1/2"	4	16.40
QS09606611			3/4"	3	18.48
QS09803421	Boice-Crane 14#	98"	1/4"	4	14.64
QS09804421			3/8"	4	15.68
QS09943421	Powermatic 14" Old	99 1/2"	1/4"	4	14.64
QS09944421			3/8"	4	15.68
QS10503421	Delta 14"/Vega 14"	105"	1/4"	4	15.02
QS10504421			3/8"	4	15.98
QS10505421			1/2"	4	16.52
QS13903421	Powermatic 20" Old	139"	1/4"	4	17.25
QS13904421			3/8"	4	18.42
QS14102421	Delta 20" - Old	141"	3/16"	4	17.25
QS14103421			1/4"	4	17.25
QH14103431			1/4"	6	17.25
QS14104421			3/8"	4	18.42
QS14105421			1/2"	4	19.40
QS14106611			3/4"	3	22.75
QS14803421	J-line 20"	148"	1/4"	4	17.62
QS14804421			3/8"	4	19.02
QS14805421			1/2"	4	19.84
QS15002421	Delta 20" - New	150"	3/16"	4	17.99
QS15003421			1/4"	4	17.99
QH15003431			1/4"	6	17.99
QS15004421			3/8"	4	19.21
QS15005421			1/2"	4	20.42
QS15006611			3/4"	3	23.98
QS15102421	Powermatic 20" New	151"	3/16"	4	17.99
QS15103421			1/4"	4	17.99
QH15103431			1/4"	6	17.99
QS15104421			3/8"	4	19.21
QS15105421			1/2"	4	20.42
QS15106611			3/4"	3	23.98

- 1 Make sure the "TPI" are available with the tooth type (hook, skip etc)

CARBON HARD EDGE, FLEXIBLE BACK (HEF) COIL STOCK CHART

Use the stock number chart to create your order number.

Width Inches	Thickness Inches	Standard Tooth Raker Set (TPI)	Standard Tooth Wavy Set (TPI)	Skip Tooth (TPI)	Hook Tooth (TPI)	Price: 100 ft Coil
3/16"	.025	10, 14, 18, 24		4		75.39
1/4"	.014	14, 18	24, 32	6		75.39
1/4"	.025	8, 10, 12, 14, 18, 24	32	4, 6	4, 6	75.39
3/8"	.014	14, 18		6		84.42
3/8"	.025	8, 10, 12, 18, 24		3, 4	3, 4, 6	84.42
1/2"	.025	6, 8, 10, 14, 18, 24	10, 14, 18, 24, 32	3, 4	3, 4, 6	93.99
1/2"	.020	6, 8, 10	14, 18, 24		3	93.99
5/8"	.032	8, 10, 14, 18	10, 14		3, 4, 6	102.69
3/4"	.032	6, 8, 10, 12, 14, 18	8, 10, 12, 14, 18,	3, 4	2, 3, 4, 6	122.68
1"	.035	6, 8, 10, 14	10, 14	2, 3	2, 3, 4, 6	149.99
1 1/4"	.035				1.3	213.19
1 1/4"	.042				1.3	225.42
2"	.035				1.3	356.19

2 COST LIST FOR HEF BLADES

Use this list to determine the price of a blade not shown on the chart. To order your blade use the stock no. chart.

CARBON HARD EDGE - FLEXIBLE BACK (HEF) Welded to Length

Length	3/16", 1/4" x .025	3/8" x .025	1/2" x .025	5/8" x .025	3/4" x .032	1" x .032	1 1/4" x .032
up to 65.9"	12.47	13.02	13.76	14.25	15.30	-	-
66" to 71.9"	12.79	13.33	14.22	14.37	15.46	-	-
72" to 77.9"	13.16	13.76	14.67	14.89	16.03	-	-
78" to 83.9"	13.52	14.23	15.92	15.41	16.64	-	-
84" to 89.9"	13.89	14.74	16.42	15.93	17.25	-	-
90" to 95.9"	14.27	15.04	16.20	16.51	17.87	-	-
96" to 101.9"	14.64	15.68	16.40	16.96	18.48	-	-
102" to 107.9"	15.02	15.98	16.52	17.47	19.10	-	-
108" to 113.9"	15.39	16.32	16.92	17.99	19.76	-	-
114" to 119.9"	15.76	16.78	17.43	18.52	20.32	-	-
120" to 125.9"	16.13	17.42	17.89	19.03	20.92	24.07	-
126" to 131.9"	16.50	17.84	18.36	19.55	21.53	24.84	-
132" to 137.9"	16.88	18.04	19.26	20.04	22.14	25.61	33.51
138" to 143.9"	17.25	18.42	19.40	20.57	22.75	26.38	34.63
144" to 149.9"	17.62	19.02	19.84	21.10	23.37	27.14	35.31
150" to 155.9"	17.99	19.21	20.42	21.61	23.98	27.91	36.99
156" to 161.9"	18.26	19.68	21.82	22.12	24.58	28.68	38.92
162" to 167.9"	18.73	20.10	22.31	22.64	25.20	29.45	39.15
168" to 173.9"	19.10	20.43	22.48	23.16	25.81	30.27	40.27
174" to 179.9"	19.47	20.98	22.60	23.67	26.42	30.99	41.40
180" to 185.9"	19.85	21.23	22.80	24.20	27.03	31.76	42.53
186" to 191.9"	20.22	21.92	22.95	24.31	27.67	32.66	43.66
192" to 197.9"	20.58	22.42	23.42	25.22	28.25	33.29	44.78
198" to 203.9"	20.96	22.68	23.82	25.74	28.87	34.06	45.91
204" to 209.9"	21.39	22.96	24.33	26.28	29.48	34.83	47.04
210" to 215.9"	21.71	23.31	24.78	26.78	30.03	35.60	48.74
216" to 221.9"	22.08	23.96	25.25	27.28	30.70	36.36	49.28

2

COST LIST FOR HB BLADES

Use this list to determine the price of a blade not shown on the chart. To order your blade use the stock no. chart.

CARBON HARD EDGE - HARD BACK (HB)							
Welded to Length				Width & Gauge			
Length	3/16", 1/4" x .025	3/8" x .025	1/2" x .025	5/8" x .025	3/4" x .032	1" x .032	1 1/4" x .032
60" to 65.9"	13.30	14.37	13.51	14.42	15.01	-	-
66" to 71.9"	13.76	14.84	14.08	14.84	15.48	-	-
72" to 77.9"	14.22	14.99	14.32	15.34	16.22	-	-
78" to 83.9"	14.67	15.08	14.82	15.42	16.98	-	-
84" to 89.9"	15.02	15.42	15.24	16.41	17.04	-	-
90" to 95.9"	15.47	15.88	15.67	16.81	18.11	-	-
96" to 101.9"	16.01	16.02	16.24	17.42	18.42	-	-
102" to 107.9"	16.42	16.37	16.67	17.93	18.72	-	-
108" to 113.9"	16.97	16.49	17.12	18.40	19.41	-	-
114" to 119.9"	17.11	17.04	17.39	18.77	19.99	-	-
120" to 125.9"	17.42	17.37	17.84	19.29	20.42	24.18	30.42
126" to 131.9"	17.87	17.84	18.42	19.79	20.99	25.14	31.44
132" to 137.9"	18.26	18.38	18.87	20.42	21.42	25.42	31.87
138" to 143.9"	18.64	18.94	19.04	20.91	22.41	25.67	32.47
144" to 149.9"	19.02	19.02	19.47	21.37	22.88	26.22	33.62
150" to 155.9"	19.30	19.47	20.10	21.94	23.45	26.94	34.54
156" to 161.9"	19.42	19.92	20.30	22.38	24.12	27.84	35.22
162" to 167.9"	20.14	20.14	20.90	22.92	24.42	28.42	37.54
168" to 173.9"	20.68	20.17	21.12	25.42	26.12	29.41	35.62
174" to 179.9"	21.04	21.07	21.47	23.84	26.43	29.82	38.68
180" to 185.9"	21.43	21.34	21.94	24.54	25.92	30.41	39.54
186" to 191.9"	21.94	21.84	22.38	24.94	26.32	31.12	40.54
192" to 197.9"	22.14	22.14	22.88	25.42	27.42	31.65	41.68
198" to 203.9"	22.67	22.16	23.21	25.99	27.92	32.04	42.86
204" to 209.9"	23.42	23.42	23.62	26.47	28.49	33.12	45.78
210" to 215.9"	23.82	23.47	24.01	26.94	28.93	34.14	45.82
216" to 221.9"	24.42	24.04	24.42	28.24	29.67	34.48	46.48



ALL OUR BLADES ARE WELDED TO ORDER AND ALL WELDS ARE GUARANTEED AGAINST BREAKAGE FOR THE LIFE OF THE BLADE!

3 Use this chart to create your bandsaw blade stock no. for ordering your blades.

Bandsaw Blade Stock No. Chart							
Use this chart to create and order any stock no. not listed.							
To make your stock no., put the appropriate letter or no. in each box. Make sure every box has a digit in it even if it is a 0							
Note: For the length, always use 4 digits, 3 for the whole Inches + 1 for 1/8s. (93 1/2" would be 093 for whole number and 4 for # of 1/8s). All stock numbers begin with the Letter Q and consist of 10 digits							
Q	Tooth Type	Length (Whole inches)	+ 1/8s Inches	Width	Thickness	TPI	Type
Q	S - Skip Tooth	001" - 150" (3 digits)	0=0/8"	2=3/16"	1=.014"	1=3 TPI	1 = HEF
	H - Hook tooth		1 = 1/8"	3 = 1/4"	2 = .018"	2=4 TPI	2= HB
	A - Standard tooth raker set	To order 100' coil stock, spell	2 =2/8"	4 = 3/8"	3 = .020"	3=6 TPI	
	B - Standard tooth wavy set	COIL in the length and 1/8's spot	3 =3/8"	5 = 1/2"	4 = .025"	4=8 TPI	
			4 =4/8"	6 = 3/4"	5 = .028"	5=10 TPI	
			5 =5/8"	7 = 1"	6 = .032"	6=14 TPI	
			6 =6/8"	8 = 5/8"	7 = .035"	7=18 TPI	
			7 =7/8"			8=24 TPI	
Example: skip tooth, 93 1/2" length, 3/8" width, .025" thick, 4 tpi, Hard Edge Flexible back (HEF) blade has the following STOCK NO QS09344421 as shown below							
Q	S	093	4	4	4	2	1
Q							
Q							
Q							

For a complete 80 page SIA CAPCO abrasives catalog call 1-800-536-0238.
Items not shown here are included and available for special order. (This catalog includes any and every kind of abrasives in any size imaginable!)
This only requires 2 days turnaround

PAPER SHEETS 9" x 11"

Flexible economical paper sanding sheets made with Aluminum Oxide, Garnet paper or Waterproof Silicon Carbide



Aluminum Oxide

General use, Finish sanding

Material: Aluminum Oxide Cabinet Paper Applications: General use, finish sanding		
Grit	Part Number	Price (per 100)
40	QAX040	\$87.00
60	QAX060	\$70.00
80	QAX080	\$67.00
100	QAX100	\$58.00
120	QAX120	\$52.00
150	QAX150	\$52.00
180	QAX180	\$52.00
220	QAX220	\$52.00

Garnet Paper limited availability!

Wood hand sanding applications

Material: Garnet Paper Applications: Wood hand sanding applications		
Grit	Part Number	Price (per 100)
80	QAX080G	\$63.00
120	QAX120G	\$57.00
150	QAX150G	\$49.00
180	QAX180G	\$49.00

Silicon Carbide Waterproof

Final paint or surface prep

Material: Silicon carbide waterproof Application: Final paint or surface prep		
Grit	Part Number	Price (per 100)
220	QAX220SCW	\$58.00
280	QAX280SCW	\$58.00
320	QAX320SCW	\$58.00
400	QAX400SCW	\$58.00
600	QAX600SCW	\$58.00
1000	QAX1000SCW	\$58.00
1200	QAX1200SCW	\$58.00

NARROW AND WIDE BELTS

Belt Material:

Description

Made from Aluminum oxide grain, with an "X" weight poly-cotton backing. Full resin bond, Closed coat and waterproof. Available in grits : 36, 40, 50, 60, 80, 100, 120*, 150*, 180*, 220*, 240*, 280*, 320*, and 400*

*These finer grits are available at the same price as the 100 grit.

To create your order number use the "Sanding Belt Stock Number Chart" below.

Applications

Used for aluminum, steel, composite, hardwood, and softwood. Excellent all purpose abrasive

Pricing

Prices are shown in boxes of 10 with the exceptions 1 x 42 which are in boxes of 50



Grit	100 & Finer		80		60		50		40		36	
Size (in)	Stock #	Price	Stock #	Price	Stock #	Price	Stock #	Price	Stock #	Price	Stock #	Price
1x42	QA1X42100	64.17	QA1X42080	66.77	QA1X42060	71.67	QA1X42050	77.50	QA1X42040	78.33	QA1X42036	79.98
3x21	QA3X21100	15.02	QA3X21080	15.44	QA3X21060	16.62	QA3X21050	17.67	QA3X21040	18.62	QA3X21036	22.45
3x24	QA3X24100	16.33	QA3X24080	17.54	QA3X24060	18.68	QA3X24050	19.32	QA3X24040	21.17	QA3X24036	22.17
4x21	QA4X21100	20.98	QA4X21080	21.98	QA4X21060	23.87	QA4X21050	24.87	QA4X21040	25.42	QA4X21036	27.44
4x24	QA4X24100	23.12	QA4X24080	23.29	QA4X24060	25.92	QA4X24050	27.12	QA4X24040	26.89	QA4X24036	27.99
6x48	QA6X48100	71.17	QA6X48080	74.99	QA6X48060	78.83	QA6X48050	84.93	QA6X48040	92.63	QA6X48036	97.33
6x60	QA6X60100	89.32	QA6X60080	93.42	QA6X60060	98.72	QA6X60050	105.48	QA6X60040	107.32	QA6X60036	119.42

*These finer grits are available at the same price as the 100 grit. To create your order number use the "Sanding Belt Stock Number Chart" below.

Sanding Belt - Stock Number Chart							
Description	QA	Width	X	Length	Grit (3 digits)	Stock Number	Price (per box of 10)
example 3" x 21" 220 grit belt	QA	3	X	21	220	QA3X21220	\$15.02
example 6" x 48" 80 grit belt	QA	6	X	48	080	QA6X48080	\$74.99

SANDING DISCS

PSA CLOTH

Individually Cut Aluminum Oxide discs with Pressure Sensitive Adhesive (PSA), directly coated to "X" weight abrasive cloth. Each PSA disk contains a protective peel off liner.

Disc Size/ QTY	36 grit	40 grit	60grit	80 grit	100+ grit
"4" - 50 pcs"	34.28	35.48	32.24	31.42	30.48
"5" - 50 pcs"	49.97	46.84	44.32	41.48	40.39
"6" - 50 pcs"	69.93	65.42	59.42	57.48	56.44
"8" - 25 pcs"	65.41	58.32	54.46	52.25	50.76
"9" - 25 pcs"					
"10" - 25 pcs"					
"12" - 10 pcs"	62.83	58.64	51.84	49.33	47.50

NON PSA CLOTH (NO ADHESIVE)

Individually Cut Aluminum Oxide discs directly coated to "X" weight abrasive cloth.

Disc Size /QTY	36 grit	40 grit	60grit	80 grit	100+ grit
"4" 50 pcs "	27.43	27.38	26.54	25.42	24.88
"5" 50 pcs"	42.47	42.10	39.23	35.41	33.42
"6" 50 pcs"	54.96	54.69	51.48	49.72	46.41
"8" 25 pcs"	49.88	48.77	45.42	43.42	42.25
"9" 25 pcs"					
"10" 25 pcs"					
"12" 25 pcs"	109.17	101.41	94.87	89.37	84.51



5" AND 6" SANDING DISKS (PSA AND HL)

"C" weight Stearate" non-loading, kling on (hook and loop) or PSA discs with and without vacuum holes, Fits all 5 and 8 vacuum hole sander. 5" and 6" discs in these available grits:

80, 100, 120, 150, 180, 220, 320, 400

To create your stock number, fill in the chart below. **Please specify what type of sander you are using.** Check above for available grits.

Hook and loop (Kling on)

5" all grits with or without vacuum holes **100 pc****\$39.99**
 6" all grits with or without vacuum holes **100 pc****\$52.99**

PSA (Pressure Sensitive Adhesive)

5" all grits with vacuum holes **100 pc****\$57.99**
 6" all grits with vacuum holes **100 pc****\$68.99**

PSA (Pressure Sensitive Adhesive) Packed as 100 per roll

5" all grits without vacuum holes **100 pc****\$34.93**
 6" all grits without vacuum holes **100 pc****\$44.93**

The first example describes a hook and loop 5" 80 grit disc with 5 vacuum holes, Stock #QDHL50805 at 39.99 per **100pk**,

The second example shows a PSA 6" 150 grit without vacuum holes, Stock# is QDPS61500 at 28.99 per **100pk**.

QD	Type: Hook & Loop (HL) or PSA (PS)	Size: 5" or 6"	Grit (3 digits)	Vacuum holes 5, 8, or 0
QD	HL	5	080	5
QD	PS	6	150	0

Chart for creating stock numbers for PSA and NON PSA Cloth Disks

To order sanding disks, follow the stock number chart below. The 2 examples are the following descriptions.
 1. 8" 36 grit PSA cloth disk (25) per sale 2. 6" 120 grit PSA cloth disc (50 per sale)

Always start with QD	Disc size in "" (2 digits)	Grit 3 digits	Pressure sensitive ""Y"" or ""N""	Cloth use ""C""	Stock Number	Price per pk
QD	08	036	Y	C	QD08036YC	\$65.41
QD	06	120	Y	C	QD06120YC	\$56.44

GLUE GUNS



COOL TEMP MINI TRIGGER-FED

GLUE GUN

- Light weight and durable
- Non-leak nozzle
- Uses 5/16" diameter mini dual temp glue sticks
- 120 volts 10 watts
- Low temp is 150 degrees cooler than high temp guns
- Safer way of gluing

LTAC160 MSRP \$7.49 **\$4.99**



COOL TEMP TRIGGER-FED GLUE GUN

- Our most economical standard size glue gun
- Non-leaking nozzle
- Uses 1/2" diameter dual temp glue sticks
- 120 volts 40 watts
- Low temp is 150 degrees cooler than high temp guns
- Safer way of gluing

LTAC270 MSRP \$15.99 **\$9.99**

DUAL TEMP TRIGGER-FED GLUE GUN

- Handle all your gluing needs with one gun
- Non-leaking nozzle
- 120 volts 40 watts
- Uses 1/2" dual temp glue sticks

LTAC301 MSRP \$26.99 **\$16.99**

GLUE STICKS FOR ABOVE GUNS

ROUND DUAL TEMP CLEAR GLUE STICKS

DT00530 1/2" x 4" 20 pcs MSRP \$4.99 **\$3.30**
 DT00520 1/2" x 4" Approx. 250 pcs
 msrp \$47.99 **\$29.00**
 DT51625 5/16 x 4" 25 pcs MSRP \$5.99 **\$3.49**
 DT516500 5/16 x 4" Approx. 500 pcs
 MSRP \$41.99 **\$29.00**

ROUND HIGH STRENGTH CLEAR GLUE STICKS

HS00530 1/2 x 4" 30 pcs MSRP \$9.99 ... **\$6.50**
 HS005250 1/2 x 4" Approx. 250 pcs
 MSRP \$48.99 **\$31.50**

ACCESSORIES

GLUE GUN PAD 8" x 8"

GGP6100 MSRP \$8.99 **\$6.99**

NOZZLE ASSORTMENT

Comes with the following 3 nozzles:

- Spreader
- Needle
- Extension

Fits 301 and 700 series

NOZ6000 MSRP \$13.99 **\$9.99**

Elmer's

SAVE UP TO 40% WHEN BUYING IN CASE LOTS



ELMERS WASHABLE SCHOOL GLUE

BOR304 4 oz School Glue. **\$1.30** ea
 MSRP \$1.89 12+ **\$1.24** ea
increments of 48.... \$1.20 ea
 BOR308 8 oz School Glue. **\$1.99** ea
 MSRP \$2.89 6+ **\$1.84** ea
increments of 24.... \$1.79 ea
 BOR340 1 Gal School Glue **\$14.99** ea
 MSRP \$23.99 **increments of 2.... \$13.79 ea**

ELMERS CARPENTERS GLUE

BOR7000 4 oz Carpenters glue. .. **\$1.99** ea
 MSRP \$3.19 12+ **\$1.89** ea
increments of 48.... \$1.79 ea
 BOR7010 8 oz Carpenters glue. ... **\$2.79** ea
 MSRP \$4.39 6+ **\$2.69** ea
increments of 24.... \$2.59 ea
 BOR7020 16 oz. Carpenters glue **\$4.59** ea
 MSRP \$7.39 6+ **\$4.49** ea
increments of 24.... \$4.39 ea
 BOR7050 Gallon Carpenters glue **\$17.99** ea
 MSRP \$29.99 **increments of 2.... \$16.99 ea**

ELMERS SPRAY ADHESIVE

BOR451 11oz **\$5.69** ea
 MSRP \$5.89 **increments of 6.....\$5.39 ea**

ELMERS GLUE ALL

BOR1322 4 oz Glue All. **\$1.59** ea
 MSRP \$2.49 12+ **\$1.49** ea
increments of 48.... \$1.45 ea
 BOR1324 8 oz Glue All **\$2.49** ea
 MSRP \$3.19 6+ **\$2.35** ea
increments of 24.... \$2.29 ea
 BOR1321 16 oz Glue All **\$4.49** ea
 MSRP \$7.49 6+ **\$4.29** ea
increments of 24..... \$3.79 ea
 BOR1326 1 Gal Glue All **\$15.99** ea
 MSRP \$20.99 **increments of 2.... \$14.99 ea**

ELMERS WOOD FILLER

Light in color, easy to sand, great for filling dents in balsa or basswood or any other wood projects.

BOR889 1/4 pint can **\$2.39** ea
 MSRP \$2.79 12+ **\$1.99** ea
 BOR890 1/2 pint can..... **\$3.39** ea
 MSRP \$4.29 12+ **\$2.99** ea

ELMERS RUBBER CEMENT

BOR904 4oz **\$1.99** ea
 MSRP \$2.49 **increments of 12.... \$1.79 ea**

ACRYLIC PAINT - Non Toxic

- Great for Rockets, Dragsters or any Classroom project
- Sargent Art acrylic paints are vividly colored, water resistant and can be used on almost any surface
- Cleans up easily with soap and water before dry.
- All of the Acrylics are **non-toxic** and conform to ASTM D 4236.



24 PC ASSORTMENT 3/4 OZ

see next page for details on colors!

SAR665524 24 pk 3/4 oz assortment **\$15.95**
 MSRP \$23.99 3 + **\$13.95**

LIQUID METAL

8 oz wide mouth jars

MSRP \$11.99

SAR1181 Gold 8 oz **\$6.99**
 SAR1182 Silver 8 oz **\$6.99**
 SAR1175 Antique Gold 8oz..... **\$6.99**
 SAR1110 Aztec Gold 8 oz **\$6.99**
 SAR1195 Bronze 8 oz **\$6.99**
 SAR1194 Copper 8oz..... **\$6.99**



8OZ CLEAR BOTTLES

Standard colors 8oz. msrp \$7.49

SAR2302 Yellow **\$4.49**
 SAR2314 Orange **\$4.49**
 SAR2320 Red **\$4.49**
 SAR2350 Blue **\$4.49**
 SAR2366 Green **\$4.49**
 SAR2385 Black **\$4.49**
 SAR2396 White **\$4.49**
 SAR2399 12 pc Asst (12 different colors) **\$36.99**

Fluorescent Colors 8oz MSRP \$7.99

SAR2202 Yellow **\$4.79**
 SAR2214 Orange **\$4.79**
 SAR2220 Red **\$4.79**
 SAR2229 Pink **\$4.79**
 SAR2250 Blue **\$4.79**
 SAR2266 Green **\$4.79**
 SAR2277 Chartruse **\$4.79**

Acrylic Paints easily clean up with soap and water before dry.



MODEL CEMENT FOR WOOD

GREAT FOR ROCKETS AND BALSA AIRPLANES.

(EVERYTHING BUT E2X WHICH USES PLASTIC CEMENT)

5/8 oz Comes with applicator tip,	
TES35031 Fast drying	MSRP \$2.99 \$2.19
TES3503 Fast drying (24ct)	MSRP \$71.76 \$42.21
TES35051 Extra strong	MSRP \$2.99 \$2.19
TES3505 Extra strong (24ct)	MSRP \$71.76..... \$42.21

PLASTIC MODEL CEMENT 5/8 oz.

GREAT FOR ROCKETS (E2X SERIES) OR PLASTIC MODELS

TES35011 Plastic cement 1pc	MSRP \$2.49..... \$1.86
TES3501 box of 48	MSRP \$119.52 \$64.89

No Tox PLASTIC CEMENT 5/8 oz.

TES35211 No tox glue	MSRP \$2.49 \$1.99
TES3521 box of 48	MSRP \$119.52..... \$64.89



CYANOACRYLATE ADHESIVES (CA)

"SUPER GLUE" USED ON ALL TYPES OF ROCKETS

These industrial quality instant glues are strong, economical, and time saving. They will bond virtually anything, yet it only takes a drop to bond one square inch of material. It takes anywhere from 10 - 30 seconds to complete a full strength bond. Thin formula is used for perfectly mated joints. Gap filling is used where the joint is close but not exact. Accelerators are also available for "instant" bonds.

GAP FILLING FORMULA

ZAPPT01 2 oz	MSRP \$15.99 \$9.99
ZAPPT02 1 oz	MSRP \$9.99 \$5.99
ZAPPT03 1/2 oz	MSRP \$6.59 \$3.99

THIN FORMULA

ZAPPT07 2 oz	MSRP \$15.99 \$9.99
ZAPPT08 1 oz	MSRP \$9.99 \$5.99
ZAPPT09 1/2 oz	MSRP \$6.59 \$3.99

ZAPPT715 Accelerator 2 oz	MSRP \$9.99 \$5.79
---------------------------	---------------------------------

ZAPPT29 Accelerator 8 oz refill	MSRP \$13.99..... \$9.99
---------------------------------	---------------------------------

ZAPPT16 Debonder 1 oz	MSRP \$6.39..... \$3.89
-----------------------	--------------------------------

WHITE TACKY GLUE

Used for joining wood to wood, or wood to tissue. Great for model planes or bridge building projects. Comes with snout tip lid for application

MID362 White tacky glue (24 ct)	
MSRP \$33.59.....	\$19.95



GLUE STICKS

Used for bonding tissue to tissue, or tissue to wood such as in stick & tissue airplanes, kites, or balloon projects.

ACC5121 .21 oz glue stick	MSRP \$1.69 \$.99
ACC5175 .75 oz glue stick	MSRP \$3.69 \$2.15
ACC5225 1.25 oz glue stick	MSRP \$5.99 \$3.99



Colors include: black, yellow, red, blue, white, green, violet, peach, orange, turquoise, magenta, brown, spectra blue, pithalto blue, green oxide, pithalto green, deep yellow, yellow oxide, silver, gold, burnt sienna, burnt umber, raw umber, naphthol red

ACRYLIC PAINT 24 PK. NON TOXIC

This water soluble, smooth flowing acrylic paint brushes easily and has the added value of thinning and fast drying characteristics. Comes in 3/4 oz fl. containers. Use on wood, plastic, metal, paper, and canvas. Excellent for dragster bodies and wheels and rockets. Cleans up with water. Color is permanent when dry.

MSRP \$23.99

SAR665524 24 pk 3/4 oz assortment	.....\$15.95
3 +	.....\$13.95



MODEL AIRPLANE DOPE

Dope is used for painting directly onto prepared wood. Wood is prepared by applying primer, balsa fillercoat or sanding sealer to the surface and sanding to a smooth surface. Dope can also be applied directly to bare wood, but requires much more paint since the unprepared wood absorbs the dope. It is fast drying, light, and can be applied with a brush without leaving stroke marks. Note: All colors are glossy

1 oz stock # MSRP \$8.39 3.5 oz stock # MSRP \$14.39

\$4.99 ea Color \$6.99 ea

PAC431 Thinner	PAC434
PAC511 Cub yellow	PAC514
NA Cub orange	
PAC541 Fokker red	
NA Corsair blue	
PAC631 Jet black	
PAC641 Swift white	
PAC651 Clear	PAC654
PAC701 Balsa fillercoat	PAC704
PAC711 Sanding sealer	PAC714

Thinner for Dope see next column

Thinner for dope, sanding sealer, and balsa fillercoat

PAC431 Thinner 1 oz	MSRP \$8.39..... \$4.99
PAC434 Thinner 3.5 oz	MSRP \$14.39..... \$6.99



DOPE BRUSHES

These camel hair brushes are perfect for applying dope or primer or any other type of paint where a smooth application is required.

MW100 1/8" paint brush	MSRP \$2.69.... \$1.59
MW101 1/4" paint brush	MSRP \$2.79.... \$1.69
MW102 3/8" paint brush	MSRP \$2.99..... \$1.79
MW103 1/2" paint brush	MSRP \$3.39..... \$1.99
MW104 5/8" paint brush	MSRP \$4.69..... \$2.79
MW105 3/4" paint brush	MSRP \$5.99 \$3.39
MW106 1.0" paint brush	MSRP \$7.99..... \$4.69

PAINT MARKERS



The Tip is Shaped:
For fine line detail painting.
For painting larger areas.
Unique shape for wide or fine detailing (Testors only)

PAINT MARKERS

Great for decorating rockets, dragsters, planes and many other projects! Unlike other brands of paint pens where you have to buy 2 different pens to get a wide and narrow tip these unique paint pens have both a wide tip for larger surface area and fine tip for intricate detail.

*Spl pricing on Testors paint markers when ordered in solid 6 packs only; ie 6 TES2503C only \$3.59 ea

Now available in Acrylic from Elmers

Acrylic paint is NON TOXIC and water washable. Acrylic paint dries fast and provides a long lasting durable finish. Testor and Elmers paint markers top the rainbow of popular colors as proven by users of over nearly half a century of paint sales. Testors and Elmers are the industry's finest paint and here's why: It's fast drying, super glossy, highly pigmented for superior coverage. Easy-to-apply and consistently, spot-on from one batch to the next.

TESTORS ENAMEL MSRP \$5.99

TES2503C Red.....	\$4.29
TES2508C LT. Blue.....	\$4.29
TES2511C Dark Blue.....	\$4.29
TES2514C Yellow.....	\$4.29
TES2524C Green.....	\$4.29
TES2527C Orange.....	\$4.29
TES2538C Gray.....	\$4.29
TES2540C Brown.....	\$4.29
TES2544C Gold.....	\$4.29
TES2546C Silver.....	\$4.29
TES2547C Black.....	\$4.29
TES2549C Flat Black.....	\$4.29
TES2575C Florescent Red....	\$4.29

as low as
3.59
ea

* When Testors enamel markers are ordered in 6 packs of the same number



ELMERS ACRYLIC MARKERS

MSRP \$4.99

XAC7326 Black fine pt.....	\$2.99
XAC7327 Black med pt.....	\$2.99
XAC7329 Gold med pt.....	\$2.99
XAC7331 Silver med pt.....	\$2.99
XAC7333 White med pt.....	\$2.99
XAC7335 Blue med pt.....	\$2.99
XAC7337 Red med pt.....	\$2.99
XAC7338 Orange med pt.....	\$2.99
XAC7341 Yellow med pt.....	\$2.99

PAINT MARKER SETS

ENAMEL SETS

TES25001C Gloss Black, Gloss White, Gloss Red	
TES25002C Flat Black, Gloss Blue, Gloss Yellow	
TES25003C Gloss Black, Gold, Silver	

Paint marker sets: Contain 3 markers listed.

MSRP \$15.99 only **\$9.00**



SEE PAGE 56-57
FOR ADHESIVES!

Take an additional
25% off
18+ assorted bundles of wood
Except MID60332, MID60442, MID60662

BALSA STRIPS

1/16" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6022	1/16 x 1/16	60	\$17.40	\$14.79
MID6023	1/16 x 3/32	60	\$17.40	\$14.79
MID6024	1/16 x 1/8	57	\$22.23	\$18.90
MID6025	1/16 x 3/16	36	\$17.64	\$15.00
MID6026	1/16 x 1/4	30	\$14.70	\$12.50
MID6028	1/16 x 3/8	28	\$16.52	\$14.05
MID6029	1/16 x 1/2	24	\$16.56	\$14.08

3/32" STRIPS - 24" LENGTH

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID60332	3/32 x 3/32	50	\$14.75	\$8.45

3/32" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6033	3/32 x 3/32	48	\$13.92	\$11.84
MID6035	3/32 x 3/16	36	\$17.64	\$15.00
MID6036	3/32 x 1/4	30	\$14.70	\$12.50
MID6038	3/32 x 3/8	20	\$15.80	\$13.43
MID6039	3/32 x 1/2	15	\$13.35	\$11.35

1/8" STRIPS - 24" LENGTH

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID60442	1/8 x 1/8	50	\$16.99	\$9.00

1/8" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6044	1/8 x 1/8	36	\$17.64	\$15.00
MID6045	1/8 x 3/16	36	\$17.64	\$15.00
MID6046	1/8 x 1/4	30	\$17.70	\$15.05
MID6048	1/8 x 3/8	20	\$15.80	\$13.43
MID6049	1/8 x 1/2	15	\$14.85	\$12.63

3/16" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6055	3/16 x 3/16	25	\$14.75	\$12.54
MID6056	3/16 x 1/4	20	\$13.80	\$11.73
MID6058	3/16 x 3/8	15	\$14.85	\$12.63
MID6059	3/16 x 1/2	12	\$14.28	\$12.14

1/4" STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID60662	1/4 x 1/4	20	\$16.79	\$8.99

1/4" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6066	1/4 x 1/4	20	\$17.80	\$15.13
MID6068	1/4 x 3/8	15	\$16.35	\$13.90
MID6069	1/4 x 1/2	12	\$16.68	\$14.18

3/8" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6088	3/8 x 3/8	12	\$16.68	\$14.18
MID6089	3/8 x 1/2	10	\$19.90	\$16.92

1/2" STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6099	1/2 x 1/2	9	\$21.51	\$18.29

BALSA SHEETS

1" SHEETS - 36" LENGTHS

NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6102	1/16 x 1	20	\$27.80	\$23.63
MID6103	3/32 x 1	20	\$27.80	\$23.63
MID6104	1/8 x 1	20	\$31.80	\$27.03
MID6105	3/16 x 1	10	\$23.90	\$20.32
MID6106	1/4 x 1	10	\$27.90	\$23.72
MID6108	3/8 x 1	10	\$31.90	\$27.12
MID6109	1/2 x 1	10	\$37.90	\$32.22
MID6112	1 x 1	6	\$37.14	\$31.57

2" SHEETS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6201	1/32 x 2	20	\$35.80	\$30.43
MID6202	1/16 x 2	20	\$33.80	\$28.73
MID6203	3/32 x 2	20	\$37.80	\$32.13
MID6204	1/8 x 2	20	\$39.80	\$33.83
MID6205	3/16 x 2	10	\$25.90	\$22.02
MID6206	1/4 x 2	10	\$31.90	\$27.12
MID6208	3/8 x 2	5	\$22.45	\$19.09
MID6209	1/2 x 2	5	\$27.45	\$23.34

3" SHEETS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6301	1/32 x 3	20	\$35.80	\$30.43
MID6302	1/16 x 3	20	\$33.80	\$28.73
MID6303	3/32 x 3	20	\$41.80	\$35.53
MID6304	1/8 x 3	20	\$45.80	\$38.93
MID6305	3/16 x 3	10	\$29.90	\$25.42
MID6306	1/4 x 3	10	\$34.90	\$29.67
MID6307	5/16 x 3	5	\$22.95	\$19.51
MID6308	3/8 x 3	5	\$25.95	\$22.06
MID6309	1/2 x 3	5	\$31.45	\$26.74

4" SHEETS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6401	1/32 x 4	20	\$49.80	\$42.33
MID6402	1/16 x 4	20	\$49.80	\$42.33
MID6403	3/32 x 4	15	\$43.35	\$36.85
MID6404	1/8 x 4	15	\$47.86	\$40.68
MID6405	3/16 x 4	10	\$39.90	\$33.90
MID6406	1/4 x 4	10	\$47.90	\$40.72
MID6408	3/8 x 4	5	\$32.95	\$28.01
MID6409	1/2 x 4	5	\$41.45	\$35.24

DENSITY GRADED WOOD

1/8" x 1/8" x 36" wood used in national competitions

25% DISCOUNT DOES NOT APPLY

LIGHT

Approximate average mass of 1.22 grams or less per stick.

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID390	1/8 x 1/8	100	\$65.00	\$39.10

MEDIUM

Approximate average mass of 1.36 - 1.63 per stick.

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID391	1/8 x 1/8	100	\$65.00	\$39.10

HEAVY

Approximate average mass of 1.81 and above per stick.

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID392	1/8 x 1/8	100	\$65.00	\$39.10

BALSA SHEETS (CONT)

6" SHEETS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6601	1/32 x 6	10	\$39.90	\$33.92
MID6602	1/16 x 6	10	\$39.90	\$33.92
MID6603	3/32 x 6	10	\$44.90	\$38.17
MID6604	1/8 x 6	10	\$55.90	\$47.52
MID6605	3/16 x 6	5	\$29.95	\$25.45
MID6606	1/4 x 6	5	\$34.95	\$29.71
MID6608	3/8 x 6	5	\$46.45	\$39.49

BALSA BLOCKS - 12" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID7002	1 x 1	1	\$2.29	\$1.95
MID7004	1 x 2	1	\$3.99	\$3.40
MID7006	1-1/2 x 2	1	\$4.49	\$3.82
MID7008	2 x 2	1	\$5.69	\$4.84
MID7010	1/2 x 3	1	\$2.99	\$2.55
MID7012	1 x 3	1	\$4.19	\$3.57
MID7014	2 x 3	1	\$6.99	\$5.95
MID7016	3 x 3	1	\$8.99	\$7.65
MID7020	2 x 4	1	\$7.59	\$6.46

BALSA TRIANGLE STOCK - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6707	1/4 x 1/4	20	\$25.80	\$21.93
MID6708	3/8 x 3/8	20	\$27.80	\$23.63
MID6709	1/2 x 1/2	20	\$33.80	\$28.73
MID6711	3/4 x 3/4	10	\$24.90	\$21.17

BALSA TRAILING EDGE - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6811	3/4	10	\$22.90	\$19.47
MID6812	1	10	\$24.90	\$21.17
MID6813	1-1/4	10	\$25.90	\$22.02
MID6814	1-1/2	10	\$31.90	\$27.12

BALSA AILERON - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6840	1/4 x 1	10	\$29.90	\$25.42
MID6842	5/16 x 1-1/4	10	\$32.90	\$27.97
MID6844	3/8 x 1-1/2	10	\$39.90	\$33.92

BALSA LEADING EDGE - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID6909	1/2 x 3/4	15	\$56.85	\$48.33
MID6911	3/4 x 3/4	10	\$53.90	\$45.82
MID6912	1 x 1	10	\$64.90	\$55.17



BASSWOOD STRIPS

1/32 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4011	1/32 x 1/32	10	\$4.95	\$2.95
MID4019	1/32 x 1/8	55	\$15.95	\$13.56
MID4020	1/32 x 3/16	50	\$14.50	\$12.33
MID4016	1/32 x 1/4	45	\$17.55	\$14.92
MID4017	1/32 x 3/8	36	\$17.64	\$15.00*
MID4018	1/32 x 1/2	30	\$17.70	\$15.05

1/16 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4022	1/16 x 1/16	60	\$17.40	\$14.79
MID4023	1/16 x 3/32	60	\$17.40	\$14.79
MID4024	1/16 x 1/8	48	\$13.92	\$11.84
MID4025	1/16 x 3/16	45	\$17.55	\$14.92
MID4026	1/16 x 1/4	42	\$20.58	\$17.50
MID4028	1/16 x 3/8	28	\$16.52	\$14.05
MID4029	1/16 x 1/2	24	\$18.96	\$16.12
MID4032	1/16 x 3/4	15	\$17.85	\$15.18

3/32 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4033	3/32 x 3/32	60	\$17.40	\$14.79
MID4036	3/32 x 1/4	42	\$20.58	\$17.50
MID4038	3/32 x 3/8	28	\$19.32	\$16.43
MID4039	3/32 x 1/2	24	\$18.96	\$16.12

1/8 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4044	1/8 x 1/8	48	\$13.92	\$11.84
MID4045	1/8 x 3/16	36	\$17.64	\$15.00
MID4046	1/8 x 1/4	30	\$14.70	\$12.50
MID4048	1/8 x 3/8	20	\$15.80	\$13.43
MID4049	1/8 x 1/2	15	\$14.85	\$12.63
MID4051	1/8 x 3/4	12	\$16.68	\$14.18

5/32 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4050	5/32 x 5/32	36	\$17.64	\$15.00

3/16 STRIP - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4055	3/16 x 3/16	36	\$17.64	\$15.00
MID4056	3/16 x 1/4	30	\$17.70	\$15.05
MID4058	3/16 x 3/8	20	\$17.80	\$15.13
MID4059	3/16 x 1/2	15	\$16.35	\$13.90

1/4 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4066	1/4 x 1/4	20	\$15.80	\$13.43
MID4068	1/4 x 3/8	16	\$17.44	\$14.83
MID4069	1/4 x 1/2	12	\$15.48	\$13.16

5/16 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4077	5/16 x 5/16	18	\$17.82	\$15.15

3/8 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4088	3/8 x 3/8	15	\$17.85	\$15.17
MID4089	3/8 x 1/2	12	\$18.60	\$15.81

1/2 STRIPS - 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4099	1/2 x 1/2	10	\$19.30	\$16.41

BASSWOOD SHEETS

1" SHEETS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4102	1/16 x 1	15	\$17.85	\$15.18
MID4103	3/32 x 1	15	\$20.85	\$17.73
MID4104	1/8 x 1	15	\$25.35	\$21.55
MID4105	3/16 x 1	10	\$19.90	\$16.92
MID4106	1/4 x 1	10	\$22.90	\$19.47

2" SHEETS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4110	1/32 x 2	15	\$19.35	\$16.45
MID4111	1/16 x 2	15	\$22.35	\$19.00
MID4112	3/32 x 2	15	\$22.35	\$19.00
MID4113	1/8 x 2	15	\$26.85	\$22.83
MID4114	3/16 x 2	10	\$19.90	\$16.92
MID4115	1/4 x 2	10	\$23.90	\$20.32
MID4116	3/8 x 2	5	\$17.45	\$14.84
MID4117	1/2 x 2	5	\$22.95	\$19.51

3" SHEETS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4301	1/32 x 3	15	\$23.85	\$20.28
MID4302	1/16 x 3	15	\$25.35	\$21.55
MID4303	3/32 x 3	15	\$28.35	\$24.10
MID4304	1/8 x 3	15	\$32.85	\$27.93
MID4305	3/16 x 3	10	\$26.90	\$22.87
MID4306	1/4 x 3	10	\$31.90	\$27.12
MID4308	3/8 x 3	5	\$21.95	\$18.66
MID4309	1/2 x 3	5	\$31.45	\$26.74

4" SHEETS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4401	1/32 x 4	15	\$37.35	\$31.75
MID4402	1/16 x 4	15	\$37.35	\$31.75
MID4403	3/32 x 4	15	\$40.35	\$34.30
MID4404	1/8 x 4	15	\$44.85	\$38.13
MID4405	3/16 x 4	10	\$34.90	\$29.67
MID4406	1/4 x 4	10	\$45.90	\$39.02

6" SHEETS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4125	1/16 x 6	10	\$64.90	\$55.17
MID4126	3/32 x 6	10	\$69.90	\$59.42
MID4127	1/8 x 6	10	\$79.90	\$67.92
MID4128	3/16 x 6	5	\$42.45	\$36.09
MID4129	1/4 x 6	5	\$49.95	\$42.46

BASSWOOD CARVING BLOCKS - 12"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4420	2 x 2	1	\$7.99	\$6.80
MID4421	2 x 3	1	10.49	\$8.92
MID4422	2 x 4	1	\$11.99	\$10.20
MID4429	1 x 3	1	\$6.99	\$5.95
MID4430	2 x 6	1	\$14.99	\$12.75
MID4431	2 x 8	1	\$17.99	\$15.30

DOWEL ROD

Birch 36" lengths (1/16" only 12" long)

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID7903	1/16	120	\$34.80	\$29.59
MID7904	1/8	45	\$22.05	\$18.75
MID7905	3/16	36	\$28.44	\$24.18
MID7906	1/4	30	\$26.70	\$22.70
MID7907	5/16	25	\$24.75	\$21.04
MID7908	3/8	20	\$23.80	\$20.23
MID7909	1/2	12	\$21.48	\$18.26
MID7910	5/8	10	\$22.90	\$19.47
MID7911	3/4	6	\$22.14	\$18.82
MID7912	7/8	4	\$19.96	\$16.97
MID7913	1	3	\$18.87	\$16.05

PLYWOOD

CRAFT PLYWOOD

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5303	1/8 x 4 x 12	6	\$7.50	\$6.38
MID5304	1/8 x 6 x 12	6	\$10.14	\$8.62
MID5305	1/8 x 12 x 12	6	\$17.94	\$15.25
MID5306	1/8 x 12 x 24	6	\$26.94	\$22.90
MID5313	1/4 x 4 x 12	6	\$11.94	\$10.15
MID5314	1/4 x 6 x 12	6	\$15.54	\$13.21
MID5315	1/4 x 12 x 12	6	\$27.54	\$23.41
MID5316	1/4 x 12 x 24	6	\$40.74	\$34.63
MID5323	3/8 x 4 x 12	3	\$7.20	\$6.12
MID5324	3/8 x 6 x 12	3	\$9.57	\$8.14
MID5325	3/8 x 12 x 12	3	\$15.60	\$13.26
MID5326	3/8 x 12 x 24	3	\$23.97	\$20.38
MID5334	1/2 x 6 x 12	3	\$11.34	\$9.64
MID5335	1/2 x 12 x 12	3	\$17.70	\$15.05
MID5336	1/2 x 12 x 24	3	\$28.50	\$24.23

BIRCH AIRCRAFT PLYWOOD - 6" x 12"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5120	1/64	6	\$47.94	\$40.75
MID5121	1/32	6	\$26.94	\$22.90
MID5122	1/16	6	\$38.94	\$33.10
MID5123	3/32	6	\$44.34	\$37.69
MID5124	1/8	6	\$41.34	\$35.14
MID5125	3/16	6	\$20.34	\$17.29
MID5126	1/4	6	\$22.14	\$18.82

BIRCH AIRCRAFT PLYWOOD - 12" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5240	1/64	6	\$149.94	\$127.45
MID5241	1/32	6	\$71.94	\$61.15
MID5242	1/16	6	\$110.34	\$93.79
MID5243	3/32	6	\$135.54	\$115.21
MID5244	1/8	6	\$134.94	\$114.70
MID5245	3/16	6	\$55.14	\$46.87
MID5246	1/4	6	\$61.14	\$51.97

BIRCH AIRCRAFT PLYWOOD - 12" x 48"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5480	1/64	6	\$310.74	\$264.13
MID5481	1/32	6	\$149.94	\$127.45
MID5482	1/16	6	\$211.74	\$179.98
MID5483	3/32	6	\$263.34	\$223.84
MID5484	1/8	6	\$272.94	\$232.00
MID5485	3/16	6	\$103.14	\$87.67
MID5486	1/4	6	\$115.14	\$97.87

POPLAR MICROLITE PLYWOOD - 6" x 12"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5510	1/8	6	\$16.14	\$13.72
MID5520	1/4	6	\$17.34	\$14.74

POPLAR MICROLITE PLYWOOD - 12" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5530	1/8	6	\$40.14	\$34.12
MID5540	1/4	6	\$46.74	\$39.73

POPLAR MICROLITE PLYWOOD - 12" x 48"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5550	1/8	6	\$74.94	\$63.70



SPRUCE STRIPS - 36" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID7630	1/16 x 1/8	30	\$14.70	\$12.50
MID7631	1/16 x 1/4	25	\$24.75	\$21.04
MID7635	3/32 x 3/32	25	\$17.25	\$14.67
MID7646	1/8 x 1/4	20	\$19.80	\$16.83
MID7648	1/8 x 3/8	18	\$25.02	\$21.27
MID7659	3/16 x 1/2	15	\$28.35	\$24.10

SCRAP BAGS

ECONOMY SCRAP BAGS BY THE EACH

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID15	Strip Bag		\$7.99	\$6.80
MID16	Thin plywood		\$8.99	\$7.65
MID17	Basswood bag		\$8.19	\$6.97
MID18	Hardwood economy		\$6.99	\$5.95
MID19	Balsa economy bag		\$8.99	\$7.65

WALNUT

WALNUT STRIPS 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4601	1/16 x 1/16	30	\$17.70	\$15.05
MID4603	1/16 x 1/8	25	\$17.25	\$14.67
MID4612	3/32 x 3/32	30	\$20.70	\$17.60
MID4618	1/8 x 1/8	25	\$19.75	\$16.79
MID4620	1/8 x 1/4	15	\$19.35	\$16.45
MID4629	3/16 x 3/16	15	\$20.85	\$17.73
MID4637	1/4 x 1/4	12	\$17.88	\$15.20
MID4645	3/8 x 3/8	8	\$27.92	\$23.74

WALNUT SHEETS 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4670	1/32 x 3	15	\$59.85	\$50.88
MID4671	1/16 x 3	15	\$74.85	\$63.63
MID4673	1/8 x 3	15	\$89.85	\$76.38
MID4675	1/4 x 3	10	\$69.90	\$59.42

MAHOGANY

MAHOGANY STRIPS 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4701	1/16 x 1/16	45	\$26.55	\$22.57
MID4703	1/16 x 1/8	36	\$24.84	\$21.12
MID4718	1/8 x 1/8	25	\$19.75	\$16.79
MID4720	1/8 x 1/4	20	\$25.80	\$21.93
MID4729	3/16 x 3/16	25	\$34.75	\$29.54
MID4737	1/4 x 1/4	18	\$26.82	\$22.80

MAHOGANY SHEETS 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4770	1/32 x 3	15	\$59.85	\$50.88
MID4771	1/16 x 3	15	\$74.85	\$63.63
MID4773	1/8 x 3	15	\$89.85	\$76.38
MID4775	1/4 x 3	10	\$69.90	\$59.42

CHERRY

CHERRY STRIPS 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4801	1/16 x 1/16	30	\$17.70	\$15.05
MID4803	1/16 x 1/8	25	\$17.25	\$14.67
MID4818	1/8 x 1/8	25	\$19.75	\$16.79
MID4820	1/8 x 1/4	15	\$19.35	\$16.45
MID4829	3/16 x 3/16	15	\$20.85	\$17.73
MID4837	1/4 x 1/4	12	\$17.88	\$15.20

CHERRY SHEETS 3" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4870	1/32 x 3	15	\$59.85	\$50.88
MID4871	1/16 x 3	15	\$74.85	\$63.63
MID4872	3/32 x 3	15	\$82.35	\$70.00
MID4873	1/8 x 3	15	\$89.85	\$76.38
MID4875	1/4 x 3	10	\$69.90	\$59.42



BASSWOOD TRIM FOR MINIATURES

BASSWOOD MOLDING 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID3103	Door trim int	7	\$11.13	\$9.47
MID3104	Door, wid case	6	\$13.14	\$11.17
MID3109	1/4 chair rail	10	\$12.90	\$10.97
MID3110	3/16	25	\$22.25	\$18.92
MID3116	1/8 qtr rnd	25	\$19.75	\$16.79
MID3122	1/8 cove	25	\$19.75	\$16.79
MID3124	3/16 cove	20	\$21.80	\$18.53
MID3144	1/4 cornice	10	\$13.90	\$11.82
MID3145	1/8 cornice	4	\$8.76	\$7.45

BASSWOOD FLOORING

BASSWOOD FLOORING/SIDING 3" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
1/32" THICKNESS				
MID4434	1/16 groove	10	\$24.90	\$21.17
MID4435	3/32 groove	10	\$21.90	\$21.17
MID4436	1/8 groove	10	\$24.90	\$21.17
1/8" THICKNESS				
MID4437	1/16 groove	10	\$24.90	\$21.17
MID4438	3/32 groove	10	\$23.90	\$20.32
MID4439	1/8 groove	10	\$23.90	\$20.32
MID4440	1/4 groove	15	\$35.85	\$30.48
MID4441	3/8 groove	15	\$35.85	\$30.48
MID4442	1/2 groove	15	\$35.85	\$30.48

BASS CLAPBOARD SIDING

BOARD AND BATTEN - 3" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4444	1/16 lap	10	\$29.90	\$25.42

CLAPBOARD SIDING 3" x 24"

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4450	1/8 lap	10	\$26.90	\$22.87
MID4451	1/4 lap	10	\$30.90	\$26.27
MID4452	3/8 lap	10	\$29.90	\$25.42
MID4453	1/2 lap	10	\$33.90	\$28.82

BASSWOOD CORNER ANGLE

BASSWOOD CORNER ANGLE 24" LENGTHS

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID4463	3/8 x 3/8	10	\$27.90	\$23.72
MID4464	1/2 x 1/2	10	\$34.90	\$29.67



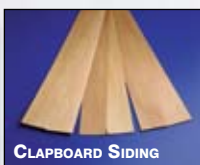
WALNUT



MAHOGANY



CHERRY



CLAPBOARD SIDING

SEE PAGE 56-57
FOR ADHESIVES!

CELL FOAM 88

FROM MIDWEST PRODUCTS

NEW STATE OF THE ART BUILDING MATERIAL!

FREE SAMPLES UPON REQUEST.



Dioramas



Foamie Models



Crafts



Scenery

CELLFOAM 88

Samples available

New state of the art material!

Lighter than balsa and tougher than other foam sheets, Cellfoam 88 is an extruded closed cell Polystyrene used in craft, architectural, diorama, scenery and foamie applications. Cellfoam 88 has a consistent smooth flat surface with paper liners for flexibility. It accepts most paints and adhesives and can be cut with ordinary hobby and craft tools. Cellfoam 88's cell structure allows sanding.

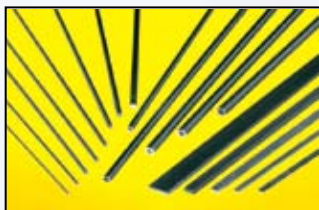
11.5" x 47" sheets

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5900	1/8	20	\$94.90	\$80.67
MID5901	3/16	10	\$62.45	\$53.09
MID5902	3/8	5	\$64.95	\$55.21

11.5" x 11.5" sheets

STOCK NO.	SIZE	PCS/BNDL	MSRP	YOUR COST
MID5920	1/8	60	\$82.35	\$70.00
MID5921	3/16	36	\$65.88	\$56.00
MID5922	3/8	20	\$54.90	\$46.67

1-800-536-0238
fax 1-800-466-4354
www.acsupplyco.com



CARBON FIBER FROM "MIDWEST PRODUCTS"

Lighter than aluminum, yet stronger than steel. Carbon Fiber is perfect for construction that requires great strength without excess weight. Its specific strength and elastic modulus are actually higher than carbon steel, yet it is 40% lighter than aluminum. It is widely used in the construction of electric ark flyers and "Foamies", as well as helicopters and R/C cars, and can be used in science projects to make composite structures.



RODS - 24" LENGTH

NUMBER	DIA(IN)	DIA(MM)	PCS/PK	MSRP	COST
MID5700	.020	.5mm	2	\$5.49.....	\$4.67
MID5701	.030	.8mm	2	\$5.49.....	\$4.67
MID5702	.040	1.0mm	2	\$5.49.....	\$4.67
MID5703	.050	1.2mm	2	\$5.49.....	\$4.67
MID5704	.060	1.5mm	2	\$5.49.....	\$4.67
MID5705	.070	1.8mm	2	\$5.49.....	\$4.67
MID5706	.080	2.0mm	2	\$5.49.....	\$4.67
MID5707	.098	2.5mm	2	\$6.99.....	\$5.95
MID5708	.110	2.8mm	2	\$7.99.....	\$6.80
MID5709	.125	3.2mm	2	\$7.99.....	\$6.80

TUBES - 24" LENGTH

NUMBER	DIM(IN) OD x ID	DIM(MM) OD x ID	PCS/PK	MSRP	COST
MID5720	.125 x .060	3.2 x 1.5	1	\$3.99	\$3.40
MID5721	.157 x .098	4.0 x 2.5	1	\$5.49	\$4.67
MID5722	.188 x .116	4.8 x 3.0	1	\$5.49	\$4.67
MID5723	.196 x .121	5.0 x 3.1	1	\$4.99	\$4.25
MID5724	.210 x .132	5.3 x 3.4	1	\$5.49	\$4.67

STRIPS - 24" LENGTH

NUMBER	DIM(IN)	DIM(MM)	PCS/PK	MSRP	COST
MID5740	.019 x .118	0.5 x 3.0	2	\$5.99	\$5.10
MID5741	.034 x .121	0.9 x 3.1	2	\$6.99	\$5.95
MID5742	.057 x .177	1.4 x 4.5	2	\$6.99	\$5.95
MID5743	.070 x .437	1.8 x 11.0	1	\$5.99	\$5.10
MID5744	.092 x .220	2.3 x 5.6	1	\$6.49	\$5.52

TOOLS

CHOPPER

CHOPPER 2



CHOPPER AND CHOPPER 2

NWS4941	Chopper	MSRP \$31.49	\$25.95
	3+	MSRP \$31.49	\$22.95
NWS49154	blades chopper 8pcs	MSRP \$5.49	\$3.35
NWS49164	blades chopper 75pcs	MSRP \$32.99	19.99
NWS6941	Chopper 2	MSRP \$47.95	\$35.95
	3+	MSRP \$47.95	\$31.95



1126



1128

MIDWEST EASY CUTTER & SUPER EASY CUTTER

This hand-held device is great for making precision mitered cuts. It will cut up to 1/2" balsa or basswood without crushing.

MID1126	Easy Cutter	MSRP \$27.99	\$20.95
	3+	MSRP \$27.99	\$17.95

MID1128	Super Easy Cutter	MSRP \$23.99	\$16.95
	3+	MSRP \$23.99	\$14.95



PLASTIC "CUT ALL" KNIFE

Hexagon shaped knife which won't roll on or off your table. Uses #11 replacement blade

EX3290	Cutall knife	MSRP \$3.19	\$1.99
EX16034	Cutall w - safety cap	MSRP \$3.49	\$2.09
EX18030	Cutall w - cap 6 pk	MSRP \$20.94....	\$11.10

NO.1 KNIFE

EX16001	No 1 knife w/cap	MSRP \$3.39	\$1.99
EX15001	No.1 knife w/ 5 blades & safety cap	MSRP \$5.19	\$2.99
EX16018	New gripster sure grip anti roll knife w/safety cap	MSRP \$6.59	\$3.99

NO.11 REPLACEMENT BLADE

Fits No.1 knife and cutall knife.

EX20011	5 blades	MSRP \$3.19	\$1.99
EX23011	15 blades	MSRP \$7.49	\$4.55
EX22611	100 blades	MSRP \$47.99	\$29.96

MIDWEST EASY MITRE BOX

EASY MITRE BOX DELUXE*

This improvement over other typical mitre boxes allows you to cut FIVE angles - 45, 22-1/2, 30, 60, and 90 degrees. It accepts material as wide as 2" and as thick as 1/2". Injection molded, it also features 3 unique CAM CLAMPS which hold the material being cut firmly in place.

Available alone or with a razor saw

MID1135	MITRE BOX ONLY	MSRP \$8.99	\$5.99
MID1136	MITRE BOX w/SAW	MSRP \$13.99	\$10.99

*Includes razor saw



MIDWEST SUPER SANDERS

Our improved sanding system is easy to hold and sands into corners. The tungsten carbide surface will not tear or wear out like sandpaper. Sands almost anything, including wood, foam, tile, brick, glass, metal, and plastic

MID1130	Fine Grit (150)	MSRP \$14.59	\$9.99
MID1131	Med Grit (80)	MSRP \$14.59	\$9.99
MID1132	Coarse Grit (60)	MSRP \$14.59	\$9.99

Stackable for easy storage



PROJECT ORGANIZER TRAY

Stack-able trays make for great storage. Use these trays to separate parts for your students. Each student can have their own, and if the project is not complete, just label with the students name, stack em up and store them until the next day. Many different uses.

ERN101	Small tray 10" x 10"	MSRP \$7.59	\$6.99
--------	----------------------	-------------------	---------------



MITRE BOX SET

Slotted sides guide saw to make accurate mitre joints. Grooved base holds wood in place when sawing.

Includes: Mitre box, #5 handle, & saw

EX55666	MSRP \$24.99 ...	\$15.56
---------	------------------	----------------

KNIFE AND TOOL SET

For cutting wood, board, paper, plastic, film/acetate, and cloth. Includes No.1 knife with No.11 blade, No.2 knife with No.2 blade, No.5 knife with No.19 blade, and 110 assorted blades in a classy wood case.

EX44282	MSRP \$25.99	\$16.96
---------	-------------------	----------------

RAZOR SAW SET

Comes with fine, medium, and coarse blades, key hole saw blade and 4 useful blades as well as No.5 handle. Complete with storage case.

XAC75310	Razor saw set	MSRP \$27.69	\$17.96
----------	---------------	-------------------	----------------



MIDWEST GRIP PINS 50 PCS

The perfect pin for every project! With a longer, thinner shaft and a wide shoulder, Grip pins are more precise than straight pins, push pins, or T-pins

MID587	GRIP PINS 50 PCS	MSRP \$9.49	\$5.87
--------	------------------	------------------	---------------



MIDWEST HOBBY AND CRAFT SQUARE

This is one tool everyone needs with features for almost any building project including a 4" or 6" ruler, a 90° square, a strip identification gauge, dowel/tubing identification gauge, a stop rail and a protractor.

MID1123	4" SQUARE	MSRP \$7.49	\$4.50
MID1137	6" SQUARE	MSRP \$8.49	\$4.99



HOT KNIFE / SOLDERING PENCIL

This hot knife can be used to cut foam with the included #11 blade. It can also be used as a soldering iron. (tip included)

XAC73780	MSRP \$29.99	\$17.98
----------	--------------------	----------------

FOR COMPLETE LISTING OF ALL SCENERY MATERIAL AVAILABLE PLEASE VISIT OUR WEB SITE (WWW.ACSUPPLYCO.COM) AND CLICK ON "WOODLAND SCENICS"



THE SCENERY KIT

Teaches model scenery. This kit contains all the materials to build a 10" x 18" layout, or landscape your favorite architectural project.

WOO927 The Scenery Kit MSRP \$108.29 **\$64.93**

VIDEO

A how-to video using the above scenery kit. A very valuable source for teaching scenery!

WOO990 How to video MSRP \$41.99 **\$24.95**

MOUNTAIN VALLEY SCENERY KIT

Enough material to landscape a 4' x 8' layout. Make mountains, trees, rock faces, tunnels, and much more. Over \$100.00 of material.

WOO928 Mountain Valley Scenery Kit MSRP \$148.99 **\$89.95**



SIDING

Use these 3" x 24" basswood clapboard strips where siding would be used to build or finish your project.

MID4450 1/8" lap (10 pc) MSRP \$26.90 **\$22.87**

MID4451 1/4" lap (10 pc) MSRP \$30.90 **\$26.27**

FLOORING

Use these basswood strips for flooring or siding (3" x 24").

MID4440 1/4" groove (15 pc) MSRP \$35.85 **\$30.48**

CURVED HEMOSTATS

Locks in 3 positions to secure any of your projects while glue is drying.

MIC311 Curved hemostats MSRP \$5.99 **\$3.95**

TWEEZERS

Fine points, stainless steel. Perfect for delicate work like building bridges.

MIC331 Stainless steel tweezers MSRP \$5.59 **\$3.50**

10 for MSRP \$55.90 **\$29.50**

*Dress up
Your project
with Woodland
Scenery!*



TREES (Ready made)

Realistic Green Deciduous Trees

WOO1501	3/4" - 1-1/4"	8/pk	MSRP \$13.29	\$7.93
WOO1502	1-1/4" - 2"	5/pk	MSRP \$13.29	\$7.93
WOO1504	2" - 3"	4/pk	MSRP \$14.89	\$8.93
WOO1507	3" - 4"	3/pk	MSRP \$16.99	\$9.93
WOO1510	4" - 5"	3/pk	MSRP \$17.99	\$10.91
WOO1513	5" - 6"	2/pk	MSRP \$17.99	\$10.91
WOO1516	6" - 7"	2/pk	MSRP \$24.99	\$14.96
WOO1518	7" - 8"	2/pk	MSRP \$24.99	\$14.96

Realistic Fall Deciduous Trees

WOO1540	1-1/4" - 3" Fall mix	9/pk	MSRP \$25.79	\$15.42
WOO1541	3" - 5" Fall mix	6/pk	MSRP \$26.99	\$16.42

Conifers

WOO1560	Pines 2-1/2" - 4"	5/pk	MSRP \$14.99	\$8.93
WOO1561	Pines 4" - 6"	4/pk	MSRP \$14.99	\$8.93
WOO1562	Pines 6" - 7"	3/pk	MSRP \$18.29	\$10.93
WOO1563	Pines 7" - 8"	3/pk	MSRP \$20.99	\$12.39

TREE KITS

These trees are actually the kit version of the above trees. Made so that every tree will look unique. Very simple to build, also shapeable.

Green Deciduous Tree Kits

WOO1101	3/4" - 3"	36/pk	MSRP \$27.99	\$16.42
WOO1102	3" - 5"	14/pk	MSRP \$27.99	\$16.42
WOO1103	5" - 7"	7/pk	MSRP \$27.99	\$16.42

Conifer Green Tree Kits

WOO1104	Pines 2-1/2" - 4"	42/pk	MSRP \$27.39	\$16.42
WOO1105	Pines 4" - 6"	24/pk	MSRP \$27.39	\$16.42
WOO1106	Pines 6" - 8"	16/pk	MSRP \$27.39	\$16.42

LICHEN

Glue using scenic cement.

WOO161	Spring green	MSRP \$13.99	\$8.43
WOO162	Light green	MSRP \$13.99	\$8.43
WOO163	Medium green	MSRP \$13.99	\$8.43
WOO164	Dark green	MSRP \$13.99	\$8.43
WOO165	Autumn mix	MSRP \$13.99	\$8.43
WOO166	Natural	MSRP \$13.99	\$8.43
WOO167	Light green mix (Lg bag)	MSRP \$23.99	\$13.87
WOO168	Dark green mix (Lg bag)	MSRP \$23.99	\$13.87

GRASS AND EARTH

For realistic flat and contoured surfaces, just sprinkle onto cement covered surface.

WOO49	Grass (bag of 50 cu in.)	MSRP \$12.99	\$7.27
WOO50	Earth blend (bag of 50 cu in.)	MSRP \$12.99	\$7.27

CEMENT

Designed for affixing landscaping materials.

WOO191	Scenic cement (Pint)	MSRP \$10.59	\$6.38
WOO192	Cement sprayer for application	MSRP \$7.39	\$4.38

SCENE-A-RAMA GLUES

WOO4142	Project glue	MSRP \$3.98	\$2.99
WOO4143	Sticky-Bond for grass sheets	MSRP \$3.98	\$2.99

SCENE A RAMA™

DIORAMAS • SCHOOL PROJECTS • DISPLAYS

New single and classroom packs available for Erupting Volcano, Cell Structure, Creative Mask, and Native American Village. Visit www.acsupplyco.com

Scene-A-Rama products allow you to create an imaginative diorama, display or project. Each product includes instructions, tips and techniques for unlimited possibilities, and learn how to modify their uses to fit the project!

DIORAMAS WE SUPPLY THE MATERIAL....YOU SUPPLY THE IMAGINATION! PROJECT BASE AND BACKDROP NOT INCLUDED (AVAILABLE BELOW)



BASIC DIORAMA KIT

This kit includes a ReadyGrass sheet for instant, grassy flat area for buildings and habitats. Use the included bushes, grasses, flowers and your imagination to create more.

Note: project base and backdrop not included. Available below!

WOO4110 MSRP \$30.99.....**\$18.96**

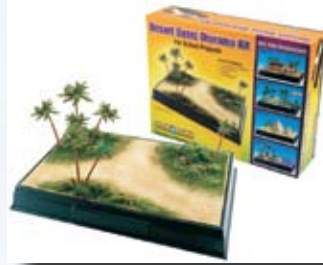


MOUNTAIN DIORAMA KIT

Make mountains, volcanoes, hills, caves, erosion or any land contours with rock outcroppings.

Note: project base and backdrop not included. Available below!

WOO4111 MSRP \$30.99.....**\$18.96**



DESERT OASIS DIORAMA KIT

Create a desert oasis scene! Use for missions, balmy beaches and much more. Includes palm trees, desert vegetation, short and tall grasses, flowers, sand, rocks and vines. Note: project base and backdrop not included. Available below!

WOO4112 MSRP \$30.99.....**\$18.96**



WATER DIORAMA KIT

Make and color still or moving water scenes, such as lakes, rivers or waterfalls. Add the included landscaping: earth colored paint, short and tall grasses, bushes and vines!

Note: project base and backdrop not included. Available below!

WOO4113 MSRP \$30.99.....**\$18.96**

DIORAMA ADD-ON-KITS USE THESE KITS TO ENHANCE YOUR PROJECT, DIORAMA OR DISPLAY. THEY GIVE IT THAT ADDED DETAIL. IF YOU IMAGINE IT. YOU CAN BUILD IT!



BUSHES, FOLIAGE & GRASSES

Add bushes, shrubs, flowers, weeds, and grasses to a diorama or display, or create a landscape on any other project. Works great with Readygrass sheets!

WOO4120 MSRP \$15.99**\$9.72**



ROCK OUTCROPPING KIT

Learn how to use a rock mold to create a multitude of rock formations with casting plaster. We'll show you an easy way to make your rocks look realistic!

WOO4121 MSRP \$15.99**\$9.72**



RIPLIN' WATER KIT

Add bushes, shrubs, flowers, weeds, and grasses to a diorama or display, or create a landscape on any other project. Works great with Readygrass sheets!

WOO4122 MSRP \$15.99**\$9.72**



SNOW KIT

Your winter scenes come alive when you create realistic heavy drifts or light dustings of snow for your diorama, display or project.

WOO4123 MSRP \$15.99**\$9.72**



DESERT PLANT KITS

These plants look so real you won't want to touch! Includes cactus and material for bright cactus flowers, short and tall grasses, material for tumbleweeds, brush and scrub

WOO4124 MSRP \$15.99**\$9.72**

PROJECT BASES / BACKDROP

Project bases come in 2 sizes. They double as shadowboxes and have a built-in placard for labeling your project. The included backdrops are great for backgrounds, horizons or labeling project parts.



WOO4165 Large base backdrop 10 3/4 x 16 1/4 MSRP \$13.29.....**\$7.93**
WOO4166 small base backdrop 7 1/2 x 10 3/4 MSRP \$8.99**\$5.88**



PROJECT BOOK

Sixty-four pages loaded with great ideas for making dioramas, displays or other projects using Scene-A-Rama products. The book gives lots of easy tips and techniques with colorful illustrations and photos

WOO4170 Project Book MSRP \$15.69**\$10.38**

FOR GLUES SEE CEMENTS ON PREVIOUS PAGE



READY MADE TREES & GRASS SHEETS

Attach the ready grass sheets to your project base to represent grass, earth or desert sand. The add ready made trees for realism.

Grass sheets are 10 3/4" x 16 1/4 in size. Trees are prebuilt!

WOO4150	Deciduous Trees	MSRP \$12.99	\$7.93
WOO4151	Conifer Trees	MSRP \$12.99	\$7.93
WOO4152	Palm Trees	MSRP \$12.99	\$7.93
WOO4153	Autumn Trees	MSRP \$12.99	\$7.93
WOO4160	Summer Grass	MSRP \$6.49	\$3.88
WOO4161	Green Grass	MSRP \$6.49	\$3.88
WOO4162	Desert Sand	MSRP \$6.49	\$3.88

New**DREMEL TRIO AND TRIO ACCESSORIES**

Circle cutter shown but not included available below!



The Dremel Trio allows users to cut, sand and rout using one multi-purpose tool. Cut multiple materials including wood, plastic, drywall, sheet metal, wall tile and more without switching tools. The tool's unique, 360-degree cutting technology and plunge-cut ability allows users to make quick and controlled cuts, while its unique, 90-degree pivoting handle facilitates added control, comfort and accuracy.

- * Start your cut wherever you want because Dremel Trio cutting bits let you make quick and easy plunge cuts anywhere in the work piece
- * The pivoting handle on the Dremel Trio can be positioned straight-up or at a 90-degree angle for superior tool control and maximum comfort
- * The multi-purpose cutting bit included with the Dremel Trio lets you cut a variety of materials using only one bit
- * *Note: The Dremel Trio uses only Trio accessories. Dremel rotary tool accessories are not compatible with the Trio tool.*
- * 360-degree cutting technology allows you to make cuts in any direction while keeping the tool in the same orientation. Or, you can follow the cut line like a regular saw, its up to you
- * The high-speed spiral cutting action makes clean cuts with smoother edges that require less sanding
- * 90° pivoting handle for superior comfort and control
- * On board dust extraction port to maintain a clean workplace
- * Non-marring base to protect delicate work pieces
- * Telescoping foot for accurate depth control while cutting, sanding and routing
- * 10,000 - 20,000 RPM variable-speed switch for greater versatility and optimal control
- * Lock-on button for comfort during extended use

Includes

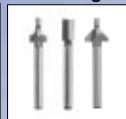
- * Trio Tool
- * TR805 Depth Guide and dust port adaptor
- * TR563 Trio High Speed Cutter (Carbide)
- * Trio Mandrel TR407
- * TR408 1/2" 60 grit sanding band (2)
- * TR432 1/2" 120 grit sanding band (2)

- * TR445 1/2" 240 grit sanding band (2)
- * TR654 1/4" Straight Router Bit
- * Wrench
- * Storage Case
- * Owner's Manual

DRE6800 MSRP \$188.99.....**\$129.99**

Trio Accessories

Note: Trio only works with Trio Accessories

Sanding**Routing****Cutting****Sanding**

TR407 Trio Sanding Drum Mandrel.....4.29
TR408 6 - 60 grit Trio sanding bands.....4.09
TR432 6 - 120 grit Trio sanding bands.....4.09
TR445 6 - 240 grit Trio sanding bands.....4.09
TR470 Mandrel and 2 ea of above bands.....5.29

Routing

Pictured in the following order

615, 654, 618
TR615 Trio 1/8" Corner Rounding bit.....13.74
TR654 Trio 1/4" straight bit.....13.74
TR618 Trio chamfer bit.....11.28
TR670 Both 654 and 61518.92

Cutting

TR560 Trio Guide point piloted bit.....8.42
TR561 Trio multipurpose bit (steel).....11.58
TR562 Trio wall tile cutting bit.....18.94
TR563 Trio hardwood/sheet metal (carbide)21.04

Circle Cutter

TR800 Straight Edge/Circle Guide Attachment 18.94

MULTIMAX**New****ACCESSORIES**

MORE BLADES AND ACCESSORIES AVAILABLE AT WWW.ACSUPPLYCO.COM



The Dremel Multi-Max Oscillating Tool offers do-it-yourselfers and pros a versatile and effective multitasking tool. With fast side-to-side motion, the Multi-Max can take on a variety of projects that involve repair, remodeling, or restoration.

- * Repair. Remodel. Restore.™
- * For cutting, grinding, sanding, scraping and grout removal.
- * Optimal Control. Safe Operation. High Precision. Minimal Dust.

Includes

- * Dremel Multi-Max tool
- * 3/4" Wood Flush Cut Blade, MM440
- * 3" Wood and Drywall Saw Blade, MM450
- * Hook and Loop Pad, MM11
- * 60, 120, and 240 Grit Paper, Wood, MM70W
- * Storage Case
- * Getting Started Booklet

DRE6300-05 MSRP \$36.99.....**\$119.95**

mm300



mm462



mm470



mm720



mm721



mm722



Universal adaptor, Allows Multi-Max accessories (excluding Multi-Flex™) to fit all current oscillating tools from Fein®, Rockwell®, Bosch®, Craftsman®, Ridgid®, and more.

DREMM300 MSRP \$36.99.....**\$6.83**

Flush Cutting Blades

1-1/8" blade speeds through long cuts and can make plunge cuts up to 1 1/4" deep. For cutting wood, drywall, plastic, and soft metal like copper and 6d-8d finishing nails.

DREMM462 1-1/8" blade**\$17.93**

DREMM470 long cutting blade**\$17.93**

Dremel Multi-Flex Blades™

The first oscillating tool accessory designed for detailed cutting and sanding. It has the widest cutting capability of all Dremel oscillating accessories. Designed for cutting a variety of materials including wood, metal and plastic. Includes multi flex adaptor and 7 blades.

DREMM720**\$24.83**

Dremel Multi-Flex™ spiral blades are great for coping wood trim, crown molding and baseboards and the general cutting of detailed areas and intricate parts. Includes 3 blades.

DREMM721**\$10.82**

Dremel Multi-Flex™ saw blades are great for straight cutting of a variety of materials including wood, PVC and copper pipe. 3 blades.

DREMM722**\$10.82**

**Dremel Hook and Loop Pad**

Hook and Loop accessory allows the Multi-Max oscillating tool to accept sand papers and diamond sand paper.
DREMM11 MSRP \$18.99.....**\$10.94**

Dremel Sanding Pads for Paint

Use 80 grit for sanding off paint.
Use 120 grit for sanding primer, removing brush strokes and paint runs and drops.
Use 240 grit for final sanding of primers before coating.
DREMM080P 6 ea grit MSRP \$30.99.....**\$15.26**

Dremel Sanding Pads for Wood

Use 60 grit for rough wood or metal sanding, and rust or old finish removal.
Use 120 grit for general wood or metal sanding.
Use 240grit for final finishing of wood, metal, plaster and other surfaces.

DREMM080W 6 ea grit MSRP \$30.99.....**\$15.26**

ROTARY TOOL**VARIABLE SPEED TOOL**

55 accessories, micro accessory case and storage case

DRE300 MSRP \$144.99.....**\$99.95**

DREMEL ENGRAVER**ENGRAVER**

At 7200 strokes per minute, the stroke adjustment dial controls stroke depth engrave on plastic, glass, ceramic and metal. Use on tools and school equipment to keep loss to a minimum. INCLUDES 1 CARBIDE POINT!

DRE290 MSRP \$36.99.....**\$22.95**

DRE9924 Carbide replacement tip

MSRP \$10.99.....**\$6.95**

DRE9929 Diamond pt replacement tip

MSRP \$38.99.....**\$24.95**

DREMEL HOT KNIFE**VERSA TIP "PLUS"**

30 watt multipurpose tool with 5 different tips capable of soldering, wood burning, hot knife cutting, leather crafting and more.

DRE1550 MSRP \$47.99.....**\$29.95**

Complete Dremel Catalog Available

www.acsupplyco.com

email - acsupply@swbell.net

1-800-536-0238

fax 1-800-466-4354

DREMEL EZ LOCK SYSTEM

The Dremel EZ Lock makes accessory changes as easy as **PULL - TWIST - RELEASE!** The one piece mandrel design simplifies the process of changing cutting wheels and makes it easy to cut through a range of materials from metal to plastic. Cutoff wheels last 2 times as long as typical fiberglass reinforced cutoff wheels. No tiny screws to loose or tiny screw driver to find!

For "Extra Value" EZ Lock set see 684-1EZ below!



EZ Lock KIT

Contains EZ402 mandrel and 5 EZ456 cutting wheels!

DREEZ406 MSRP \$25.99.....**\$14.99**



EZ Lock CUTTING WHEELS

Use EZ402 mandrel only! Lasts twice as long as fiberglass reinforced discs

EZ456 is for cutting metal (shown left)

EZ476 is for cutting plastic

DREEZ456 5 PIECES MSRP \$18.99.....**\$10.99**

DREEZ476 5 PIECES MSRP \$18.99.....**\$10.99**



EZ Lock MANDREL

One piece mandrel design eliminates the need for a screw. Compatible with all Dremel rotary tools. First patented system of its kind.

DREEZ402 MSRP \$16.99.....**\$8.99**



EZ Lock CLOTH POLISHING WHEEL

great for restoring metal to its original shine. Unlimited applications. Compatible with EZ402 and standard 402 mandrel!

DREEZ423E MSRP \$5.99**\$3.79**



EZ Lock FINISHING ABRASIVE PADS 180 AND 280 GRIT

Refinish furniture, clean grills, remove paint, tarnish and more. Compatible with EZ402 and standard 402 mandrel!

DREEZ511E MSRP \$6.99**\$4.89**



EZ Lock FINISHING ABRASIVE BUFFS 320 GRIT 2 PK

Light sanding and tarnish removal. Also great for car detailing and restoring door and window hardware. Compatible with EZ402 mandrel and standard 402 mandrel!

DREEZ512E MSRP \$7.19**\$4.99**

ROTARY TOOL SETS

CLEANING / POLISHING KIT

Polish a variety of materials to a high luster, clean those tough-to-reach areas, plus a whole lot more (20 PIECES)

Reusable storage box

Application and material usage included

400 series XPR storage case compatible

Removable organizer tray

DRE684 MSRP \$35.99**\$22.45**

\$47.55 Value



EZ Lock CLEANING / POLISHING KIT

Reusable storage box

Includes

* 511E 180 & 280 Grit Abrasive Buffs

* 512E 320 Grit Abrasive Buff

* EZ471SA 36 Grit, Detail Abrasive Brush

* EZ472SA 120 Grit, Detail Abrasive Brush

* 421 Polishing Compound

* 423E EZ Lock Polishing Cloth/DRE

684-01 MSRP \$35.99**\$22.45**

\$54.74 Value



SANDING / GRINDING SET

Sharpen lawn tools, remove rust, sand down a sticking door, and engrave on glass, plus a whole lot more. Contains 31 genuine Dremel accessories for most every sanding, smoothing, shaping or grinding need.

DRE686 MSRP \$35.99**\$22.45**

\$45.16 Value



GENERAL PURPOSE SET

Everything you need to cut, carve, sand, grind, clean, and polish, plus a whole lot more

DRE687 MSRP \$35.99**\$22.45**

\$46.77 Value



CUT- OFF WHEEL SET

Contains 69 cut-off wheels (Dremels most popular cutting bits, and a 402 mandrel. Re-slot a screw, cut conduit, rusted hose clamps, plus a whole lot more (69 PIECES)

DRE688 MSRP \$35.99**\$22.45**

\$47.55 Value



ROUTER BIT SET

A set of high speed router bits made from high-grade steel packaged in reusable plastic case. For routing, inlaying and mortising in wood and other soft materials. Use with #335 router Attachment and #231 Shaper / Router Table

DRE692 MSRP \$75.99**\$47.90**

DRE335 MSRP \$59.99**\$36.99**

DRE231 MSRP \$69.99**\$44.30**

\$97.64 Value



CARVING/ENGRAVING KIT

Mini accessory case

11 assorted accessories

2 diamond points included

DRE689 MSRP \$32.99**\$19.45**

\$47.55 Value



MEGA GENERAL PURPOSE SET

This kit contains 160 Genuine Dremel accessories including 8 EZ Lock accessories to accomplish most any job.

Multiple pockets for easy organization

DRE710 MSRP \$79.99**\$49.99**

\$130.00 Value





BEGINNER AIR BRUSHES



SINGLE ACTION AIR BRUSH

The worlds most popular air brush recommended for beginners. Suitable for left and right handed people.

Air pressure required: 1/2 to 1cfm

Comes complete with 1/4 oz color cup, wrenches and hanger.

H#1 Spray pattern 1/32" - 1" light fluids

H#3 Spray pattern 1/32"- 1 1/4" medium fluids

H#5 Spray pattern 1/16"- 1 1/2" heavy fluids

PASH#1	#1 Air brush only	MSRP \$69.99...	\$48.00
PASH#3	#3 Air brush only	MSRP \$69.99...	\$48.00
PASH#5	#5 Air brush only	MSRP \$69.99...	\$48.00
	any 2 of the above	ea	\$44.99



SINGLE ACTION H AIR BRUSH SET

Above air brush with #1, 3, and 5 tip assemblies, 1 oz and 3 oz color bottle assemblies, 1 oz bottle and cap, a-1/8" 6 ft braided air hose assembly and 22 airbrush lessons booklet.

PASH-SET	Complete set	MSRP \$109.99.....	\$74.99
	2+	ea	\$69.99



TRAVELERS KIT COMPLETE W/PROPEL

Comes with air brush, 1 oz bottle assembly, 3 oz bottle assembly, 1/4 oz metal color cup, 4' braided air hose, propel valve and wrench, 9 oz can propel, 22 air brush lessons booklet.

Single Action Airbrushes

PAS2P-H#1	H#1 set	MSRP \$97.99	\$65.99
PAS2P-H#3	H#3 set	MSRP \$97.99	\$65.99
PAS2P-H#5	H#5 set	MSRP \$97.99	\$65.99
	2+ above H series	ea	\$59.99

Dual Action Airbrushes

PAS2P-VL#1	VL#1 set	MSRP \$129.99	\$83.99
PAS2P-VL#3	VL#3 set	MSRP \$129.99	\$83.99
PAS2P-VL#5	VL#5 set	MSRP \$129.99	\$83.99
	2+ VL series above	ea	\$77.99

Call for **free** exploded
view parts book and
price list

ALL PARTS 25% OFF RETAIL

The complete Paasche line is available from AC Supply. If you don't see the brush or part that you want, call for pricing along with an exploded view of all Paasche air brushes. **www.acsupplyco.com**



DUAL ACTION AIR BRUSH

Rocking finger lever permits flexibility of air and color combination without work stoppage. Air pressure required: 1/2 to 1CFM

Comes complete with 1/4 oz color cup, wrenches and hanger.

VL#1 Spray pattern 1/32" - 1" light fluids

VL#3 Spray pattern 1/32"- 1 1/4" medium fluids

VL#5 Spray pattern 1/16"- 1 1/2" heavy fluids

PASVL#1	#1 Air brush only	MSRP \$112.00.	\$73.99
PASVL#3	#3 Air brush only	MSRP \$112.00.	\$73.99
PASVL#5	#5 Air brush only	MSRP \$112.00.	\$73.99
	any 2 of the above	ea	\$67.99



D-500 COMPRESSOR

Economical and suitable for all air brushes, spraying thinned fluids. It is capable of delivering up to 40lbs of pressure. The D-500 is an oil-less diaphragm unit and comes with a grounded 3 wire cord. It operates on 115 volts, 1 phase, 60 cycle, 1/10 HP and delivers 1/2 CFM @ 20PSI.

PASD500 Air compressor

MSRP \$189.99**\$99.95**



DUAL ACTION VL AIR BRUSH SET

Above air brush with #1, 3, and 5 tip assemblies, 1 oz and 3 oz color bottle assemblies, 1 oz bottle and cap, a 1/8" 6 ft braided air hose assembly and 22 airbrush lessons booklet.

PASVL-SET	Complete set	MSRP \$129.99.....	\$84.99
	2+	ea	\$77.99



BRAIDED HOSE

Constructed for durability, this brightly covered braid over plastic is the ideal air hose for use with all Paasche air brushes. Maximum working PSI is 100 PSI. Couplings are factory sealed.

PASA-1/8"-6' 6 ft Braided hose

MSRP \$18.99**\$11.82**

PASA-1/8"-10' 10 ft Braided hose

MSRP \$17.99**\$11.10**

ph **1-800-536-0238**
fax **1-800-466-4354**
www.acsupplyco.com

10 - 1 Rubber Winder.....21, 29	Doc Fizzix Mousetrap Racers 44	Intro to Electronics 42	Razor Saw Set 15, 61
15 - 1 Rubber Winder.....21, 29	Dowel Rod .....59	Inventing Flight Curriculum..... 29	Real Flight R/C Flight Simulator.... 30
2 Story Townhouse .....15	Dragster 50 Packs .....16	Inventing Flight Skystreak .....28, 29	Right Flyer 20, 32
2 - Stick Kite .....35	Dragster Blanks .....17	Jetstream Plane for Aerolab.....29	Robot Circuit Board 40
3 - Stick Kite .....35	Dragster Instruction Books .....17	KID K'NEX Education Sets 51	ROBOTIC ARM Edge Kit .....39
3 in 1 All Terrain Kit.....39	Dragster Kits .....16, 32	Kite Sticks..... 35	Rock Sim Software.....13
4 Channel Aircraft Radio Control...30	Dragster Storage Boxes .....17	Kites .....35	Rocket Parts 12, 13
5 - 1 Rubber Winder.....21, 29	Dragster Wheels .....17	K'NEX	Rocket Robot..... 39
6 - 1 Solar Kit.....40	Dremel Bits and Accessories .....64, 65	Amusement Park Experience.....50	Rover (Snap Circuits)..... 38
6 Station Winding Stoooge .....29	Dremel Tool Kits .....64	Computer Control STEM.....45	Rubber Bands, Props, Wheels 21
AC Rocket Bulk Parts .....13	Dry Fuel Tablets (ESBIT) .....34	DNA Set .....46	Rubber Cement.....56
A Frame Cabin .....15	Easy Cutter .....14, 61	Discover Control Set.....45	Rubber Lube 21, 29
A/C Generator.....34	Easy Spin .....20, 32	Discovery Building Set 51	Rubber Motor Material 21, 29
Acrylic Paint.....56, 57	Electric Motors 22	Elementary	Rubber Racer Kit 45
Adhesives	Electronic Kits .....36, 37, 38, 39, 42	Construction Set .....49	Rubber Winder 21, 29
Epoxy (2 part) .....13	Electronic Snap Circuits .. 36, 37, 38	Math & Geometry.....46	Sample Pack Airplanes 20
Fast Drying (Super Glue).....57	Elmers Glue .....56	Energy, Motion & Aero .....49	Sanding Belts .....54
Glue Gun .....56	Engine Hooks .....12, 13	Engineering Marvels .....49	Sanding Discs .....55
Wood Glue .....56, 57	Engineering Stress Analysis Blocks14	Exploring Machines .....47	Sanding Sealer 57
AeroLab DVD/CD Workshop.....29	Engraver.....64	Forces Energy, and Motion .....49	Sandpaper 54
Air Bursts Rocket System .....13	Epoxy .....13	Intermediate Math Set 46	Scene-A-Rama .....63
Air Compressors .....66	ESBIT .....34	Intro to Gears .....47	Scenery .....62, 63
Air Hogs .....23	Estes Bulk Packs .....3, 4	Intro to Levers & Pulleys..... 47	Scenery Learning Kits .....62
Air Rockets .....13	Estes Curriculum (Rocket Labs)....3	Intro to Structures, Bridges 14, 48	Screw Eyes 17
Airbrushes .....66	Estes "E" Rockets .....8, 9	Intro to Wheels, Axles, & Inclined Planes .....47	Shoobox R.O.G. 20, 32
Alpha III Rocket Bulk Pack .....4	Estes Engines .....10	Kid K'NEX	Siding .....60, 62
Alpha Rocket Bulk Pack.....3, 4	Estes Helicopters .....31	Classroom Collection .....51	Skyjool 35
Amerikit Soldering Kits.....40	Estes Rocket Accessories .....12	Creatures .....51	Skystreak for Aerolab.....29
Amphibious Solar Vehicle.....40	Estes Rockets Pro Series .....10	Group Set.....51	Soccer Pro Robot.....39
Around-the-pole Flight System ....22	Estes Rockets RTF Series .Web only	Transportation.....51	Software 3, 13
Art Tissue .....35	Estes Rockets Skill Level 0 5	K - 8 General Construction Set 48	Solar Cell .....40, 41
Axles .....17	Estes Rockets Skill Level 1 .....6, 7	Motor Pack.....50	Solar Kits .....40, 41
Balloon Tissue .....35	Estes Rockets Skill Level 2 .....8, 9	Real Bridge Building..... 14, 48	Sorcerer 21
Balloons .....45	Estes Rockets Skill Level 3 9	Renewable Energy 49	Snap Circuits .....36, 37, 38
Balsa .....14, 58	Estes Rockets Skill Level 4 & 5 10	Roller Coaster Physics .....50	Space Explorer.....32
Balsa Blocks .....58	Estes Starter Sets 11	Simple Machines 47	SpaceLoft Bulk Pack .....4
Balsa Pieces .....14, 58	Estes Tech Rocket .....13	Simple Machines Deluxe Set .. 47	SPIDER III Robot kit 39
Balsa Sheets .....58	Fantail Launch Steam Pwd Boat 34	Transportation Set.....48	Spray Adhesive .....56
Balsa Strips .....58	Field Box .....30	Knives 15, 61	Spruce .....60
Balsawood Bridges .....14	Firestock .....13	Landing Gear Wheels .....21	Standard Framing Kit .....15
Balsawood Towers .....15	Firststreak SST Rocket Bulk Pack ..4	Launch Lugs 12, 13	Starter for R/C Plane .....30
Bandsaw Blades .....52, 53	Flight Simulator 30	Lichen .....62	Star Glider 20
Basic Mousetrap Dragster .....45	Flip Glider .....20, 32	Lift Bridge Bulk Pack.....15	Stealth Flyer .....32
Basswood Bridges .....14	Flooring .....60, 62	Lift Bridge Kit.....15, 32	Steam Engine Kit .....34
Bass Clapboard Siding .....60	Flyboy .....27	Loadstar Rocket 12 pk .....4	Straws .....17
Basswood .....14, 59	Foam Body Blanks .....17	Lubricants .....17	String .....35
Basswood Blocks .....59	Foam Cutters .....17	Mahogany .....60	Sumo Robot.....39
Basswood Corner Angle.....60	Fuel Cell Cars .....41, 43	Maple Seed Copter 23	Super Delta Dart .....20, 32
Basswood Molding .....60	Fuel Cell Experiments .....41	Metric 200 Dragsters 16	Super Glue .....29, 57
Basswood Flooring .....60	Generic Rocket Bulk Pack 4	Metric/Lsray Dragster 16	Super Star .40 ARF .....30
Basswood Pieces.....14, 60	Glider Kit .....19, 20	Micro-controllers .....Back Cover	Technology Education Rocket Pk.. 13
Basswood Sheets .....59	Glues	Millennium 20	Terms and Policies 2
Basswood Strips .....59	Epoxy (2 part) .....13	Mitre Box Set .....15, 35, 61	Tools .....61
Basswood Towers .....15	Fast Drying (Super Glue).....57	Mixing Cups 57	Tower Class Pack .....15
Batteries, Alkaline.....40	Glue Gun .....56	Model Airplane Dope 57	Tree Kits & Ready Made Trees ....62
Battery 12v .....30	Wood Glue .....56, 57	Model Cement 21, 33, 57	Triple Action Solar Car .....40
Blinky Circuit Board .....40	Glue Gun Accessories.....56	MoonWalker II Robot Kit 39	Truss Roof Building Kit .....15
Body Tubes .....12, 13	Glue Guns .....56	Mousetrap Racers 32, 44, 45	Tweezers .....62
Brass Washers .....17	Glue Sticks 21, 35, 56, 57	Mousetrap Racers "How To" book 44	Versa Tip Kit.....64
Bridge Building DVD .....14	Gnome Rocket 12 pk .....4	Mousetraps .....45	Viking Rocket Bulk Pack .....4
Bridge Packs .....14	Goldinging Glider .....27	Narrow and Wide Sanding Belts 54	Walnut .....60
Brushes .....57	Graphite .....17	Nose Cones 12, 13	Washable School Glue .....56
Build-by-Number Planes .....26	Grass and Earth 62	Nylon Kites 35	Weasel Robot.....39
Bulk Rocket Engines.....5, 10	Grid Paper .....15	Organizing Tray .....61	Wheels 17, 21
Bullpup 12D Rocket Bulk Pack .....4	Grip Pins .....15, 61	P-51 Mustang.....31	White Glue .....56
Cadet .....27	Guillows 1000 series .....26	Paasche Airbrushes 66	White Tacky Glue 57
Carbon Fiber .....61	Guillows 200 series .....25	Parachutes .....12, 13	White Teflon .....17
Carpenters Glue .....56	Guillows 2000 series .....26	Paint Markers 57	White Wings .....19, 20
Catapult Glider .....19	Guillows 300 series .....25	Parts Bag 17	White Wings Competition Kit . 19, 20
Catapult Kit.....32	Guillows 400 series .....24	Physics Solar Workshop..... 40, 42	Whizzer Glider Kit 20
Cell Foam 88 .....60	Guillows 500 series .....23	Pinecar 18	Winders 21, 29
Cement .....56, 57, 62	Guillows 600 series .....26	Ping Pong Balls .....45	Winding Stoooge .....29
Centering Rings 13	Guillows 800 series .....23	Plastic Cut All Knife 15	Wizard Rocket Bulk Pack .....3, 4
Cherry Wood .....60	Guillows 900 series .....24	Plastic Model Kits (Airplanes).....33	Wood
Chopper .....14, 61	Guillows Hand Toss Gliders .....27	Plywood 59	Balsa .....58
Cloudbuster .....27	Guillows Military Fighters .....26	Power House 43	Bass .....14, 59, 60
CO ₂ Cartridges .....17	Guillows Wright Flyer .....26	Power House "Green Edition" 43	Plywood.....59
CO ₂ Dragster Boxes .....17	H.O.T. Control System .....22	Pond Hopper.....32	Specialty .....60
CO ₂ Dragsters .....16, 17	Hand Toss Gliders 27, 28	Pre Made Landing Gear..... 21	Wood Filler .....56
CO ₂ Parts Bags .....17	Hang Glider Jack 23	Project Organizer Trays .....61	Woodland Scenics .....62, 63
Competition Aircraft & Accs .....21	Horizon Fuel Cell Kits..... 41	Props .....21, 22	Wright Bat .....20, 32
Customized Gliders 27, 28	Hot Glue Sticks 56	Pylon for AeroLab .....29	Wright Flyer 26
Cyanoacrylate Adhesives (Zap)29, 57	Hot Knife .....17, 61	R/C Flight Simulator .....30	X-zyllo 23
Decals .....16, 18	House Framing Kits .....15	R/C Electric Airplanes .....31	Zap Super Glue .....29, 57
Delta Dart .....20, 32	House of the future .....43	Radio Control Airplanes 30	
Deluxe Car Kits .....18	Hyper Peppy Robot Kit 39	Rat Racer Kit 45	
Density Graded Balsawood .....58	Identical Construction Co. .....15		

AC Supply Co

P.O. Box 1523
St. Charles Mo. 63302
1-800-536-0238
www.acsupplyco.com
e-mail acsupply@swbell.net

Presort Std
U.S. Postage
PAID

Route to

- ☐ Lead Science Teacher
- ☐ Tech Ed Dept.
- ☐ Voc Ed. Dept.
- ☐ Ind Arts. Dept.

AC SUPPLY IS GOING GREEN! HELP US DO OUR PART TO KEEP CATALOGS FROM GOING INTO LANDFILLS! IF THE TEACHER LISTED ON THIS CATALOG IS NO LONGER AT YOUR SCHOOL, OR IF MULTIPLE COPIES HAVE BEEN SENT TO YOUR ATTENTION, PLEASE FAX THE BACK COVER ALONG WITH A NOTE IN THE WHITE AREA STATING THE SITUATION. FAX TO 1-800-466-4354. PLEASE FORWARD THIS CATALOG TO ANY TEACHER WHO MIGHT HAVE A USE FOR IT. THANKS FOR HELPING US DO OUR PART. EVERY LITTLE EFFORT CAN, AND WILL MAKE A DIFFERENCE!

HORIZON FUEL CELL TECHNOLOGIES

THE MOST INNOVATIVE TOY CAR EVER DESIGNED!!!



i-H2GO

Miniature Hydrogen Fuel Cell Car
Turns your phone or tablet into a remote control!
Includes real working hydrogen station.
50 seconds to charge up. Runs 5 minutes on a full charge.
Available late March. Visit www.acsupplyco.com for details

NEW FOR 2013



H-Rover

Hydrogen Powered Unmanned Ground Vehicle (UGV)
equipped with wifi-camera for remote operation using
PC, Tablet, or Smartphone
HFCJJ41 H-Rover Price coming soon!
visit www.acsupplyco.com for details

NEW FOR 2013

Horizon Energy Box
Classroom set



Just Announced!

Numerous NEW items for 2013 listed below.
Check out our website for pricing and details!

- | | |
|----------|---|
| HFCJ020 | HYDROFILL PRO -
On Demand Hydrogen Supply for Classrooms |
| HFCJJ30 | Electric Mobility Experiment Set |
| HFCJJ34 | Horizon Salt Water Fuel Cell Kit |
| HFCJJ35 | Super Capacitor Experiment Set |
| HFCJJ38 | Thermal Power Science Kit |
| HFCJJ39 | Wind Energy Kit |
| HFCJJ40 | Horizon Energy Box (pictured above) |
| HFCJJ42 | Ethanol Fuel Cell Science Kit |
| HFCJJ44 | Micro Fuel Cell Science Kit |
| HFCJJ45 | Edustak Build it yourself Fuel Cell Stack Kit |
| HFCJJ46 | 10W Fuel Cell Stack Science Kit |
| #unknown | H2-MDK for ARDUINO |
| #unknown | 1:16 RC H2-CAR |

Prices on the above Horizon Fuel Cell items were not available at the time of printing. Check our website for details on these HOT new items. www.acsupplyco.com.