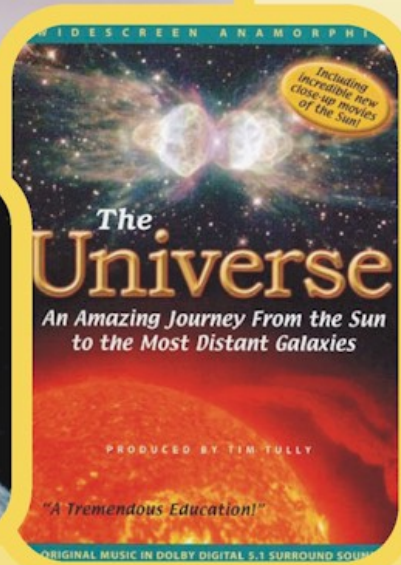


FALL 2004/WINTER 2005



A catalog of magic...

...To Ignite Your Imagination!

A fund raising solution from The IGNITE Foundation, Inc



**Fliskits:** <http://fliskits.com/> Founded in September of 2002, FlisKits quickly established itself as the world leader in model rocketry innovation, price, and service. One of the largest model rocket kit companies in the world, FlisKits is also the fastest growing with their products appearing on retail shelves throughout the country and around the world.

**iBOTZ:** [www.ibotz.com](http://www.ibotz.com) iBOTZ was founded only two years ago with the express purpose of providing quality innovative products that give a real value in terms of what they do and the educational value they deliver.

**Perspective Books, LLC:** [www.perspectivebooks.com](http://www.perspectivebooks.com) Founded in June 2000, Perspective Books, LLC is dedicated to supporting the non-profit community by finding creative ways to generate proceeds for businesses and non-profit organizations alike. Perspective Books, LLC is the Flagship sponsor of the IGNITE Foundation, Inc. and welcomes the involvement of these wonderful corporate partners in this worthwhile program.

**Space Update:** [www.spaceupdate.com](http://www.spaceupdate.com) In collaboration with the Houston Museum of Natural Science (HMNS) and Rice University, Space Update Inc. is established as a public outreach unit to develop and manage interactive real-time displays of real-time earth and space science data. All software, data, questions, and answers have been reviewed and continuously update by NASA scientists and teachers to ensure accuracy and within the scope of the intended ages.

**Universe DVD:** [www.universedvd.com](http://www.universedvd.com) Universe Productions began operations with the release of its landmark DVD, *The Universe*. This spectacular movie incorporates video from the Hubble Space Telescope and other orbiting observatories to create a guided tour of the cosmos. The viewer flies from close-ups of the Sun to panoramic views of the galaxies at the ends of space. An original orchestral score enhances the magnificence of the astronomical vistas and a narration explains everything you see. Universe Productions has several new entertaining scientific DVDs in production.

**Windward Publishing:** [www.finney-hobar.com](http://www.finney-hobar.com) Windward Publishing, founded in 1973, merged with Finney Company in 2001. Windward offers nature books on popular subjects including shells, fishing, diving, mammals, sharks, birds, and more. This line is expanding as Finney Company's trade book line and interest in these titles is growing across the United States and in several foreign countries.

**The IGNITE Foundation, Inc.** is dedicated through its charter and programs to support enrichment in ALL aspects of education. IGNITE and its collaborative business partners seek to find creative ways to help educators raise money to support enrichment of their own choosing.

This catalog was designed for that purpose.

If you are an educator in a non-profit organization (school, museum, library, boys and girls programs, etc.) then we hope that this catalog is an answer to your need to find funding for enrichment programs. Simply download and print this catalog and then take orders in your own community for these high quality products. Each vendor is offering the lowest discount possible to your non-profit. You sell the products for list price and benefit from buying direct (wholesale) from the vendors. (I.e. you keep the difference between the wholesale and list prices for your own enrichment program). Once you have taken your orders and collected the money, simply go to the IGNITE web site and follow the links to each vendor to order your products. You should receive your items within 2-4 weeks.

**Shipping costs are included in all prices.**

Since IGNITE is dedicated to supporting education enrichment, the money should be used for enrichment (field trips, guest speakers, classroom materials, etc.), and only those with a non-profit status are eligible to participate.

We hope that this program will expand and offer solutions for all of us!

Becky Cross  
Founder, The IGNITE Foundation, Inc.



## Books & Software



### “I Am A Space Shuttle. I LOVE TO FLY!”

Perspective Books, LLC

This story takes the reader through the processing of a space shuttle from touchdown to touchdown. The stunning photography will excite future astronauts of all ages while the creative rhyme captures the amazing feats of engineering that make it all possible! This book comes complete with the tools for expanded discussions of the Space Shuttle program: a glossary and an image reference list for finding/downloading the NASA photographs on the Internet.

***I Am A Space Shuttle. I LOVE TO FLY!* is recognized as a Certified Imagination Product by The Space Foundation. The Space Certification Program recognizes companies, products, and services derived from Space technologies which enhance public interest in Space exploration.**

Photography (color), 40 pages, 12” x 9”, hard cover, jacket, w/ glossary and image reference list. ISBN: 0-9701736-1-X

For children ages 5 and up

List Price \$18.95

### “Space Station Science”

Windward Publishing

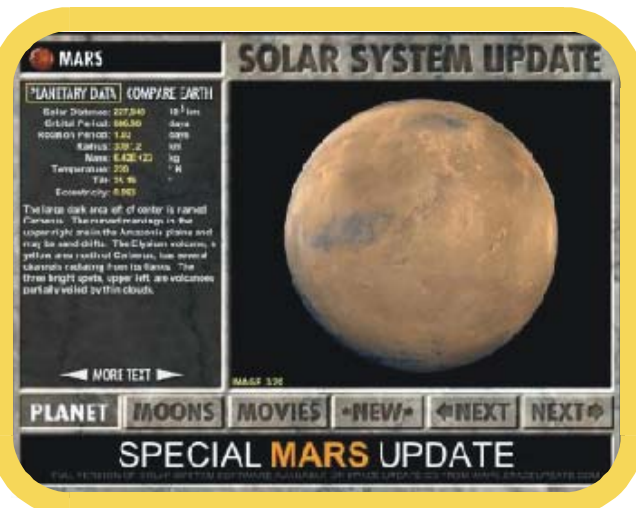
In *Space Station Science*, former NASA mission controller Marianne Dyson explains all the systems needed to keep the International Space Station up and running. She shows how the simplest tasks of daily life are changed in free fall and details the types of experiments scientists can do in space and nowhere else. Dyson tells how we get to and from space and gives us a glimpse into the future of space stations. Complete with activities that simulate life in space and illustrated with full-color photos and drawings, this insider’s guide will show you what it’s like to live in a space station and how what we learn up there could forever change our lives down here. Illustrations completed by Dave Klug with a forward provided by Buzz Aldrin.

**This book was awarded a 1999 Golden Kite Award from the Society of Children’s Book Writers and Illustrators, and Booklist named it a Top Ten Youth Science Book. The National Science Teachers Association and Children’s Book Council named it an Outstanding Trade Book for 2000.**

128 pages, 8” x 10”, paperbound, ISBN: 0-89317-059-3

For children ages 8 and up

List Price \$11.95



### Mars Update

Space Update

Mars Update is the latest interactive, real-time display system of images and data designed by Space Update, Inc. This engaging CD Rom brought to you by Rice Space Institute includes the first NASA images from Mars Exploration Rover (MER) "Spirit" and "Opportunity". Mars Update also includes the latest movies and data from MER. There are numerous VR panoramas from Pathfinder and MERs to view. Users can zoom in and out or rotate 360 degrees. After viewing the images, you can test your science knowledge about MARS with a fun Tic-Tac-Toe game. You can play against a friend or your computer! Mac and Windows compatible

For children ages 12 and up

List Price \$10.00



## Earth Update

Space Update

Earth Update is an interactive, real-time display system of Earth images and data designed for museums and schools and is now available to the general public as a "Museum in a Case!" Running from the CD-ROM, the program displays hundreds of images and movies from the best of earth images and data, and is documented with web references so users can learn more. Over a million visitors have interacted with our software in museum and school settings. Software includes TicTacToe, Data Miner, and Hot Spots games to engage and challenge learners. This powerful software suite is now available for purchase as a single CD that includes both Mac and Windows versions!

For children ages 12 and up.

CD-ROM List Price \$19.95

CD-ROM Educational Lab Pack\* (5) \$ 60.00

\*Educational Lab Pack is reserved for K-12 schools and non-profit organizations.

## Space Update

Space Update

Space Update is an interactive, real-time display system of space science images and data designed for museums and schools. The software educates users about general astronomy, the solar system, and space weather. As an added bonus, it includes a basic interactive sky guide chart and real-time live links to space events. Running from the CD-ROM, the program displays hundreds of images and movies from the best of earth and space science research, and is documented with web references so users can learn more. Software includes TicTacToe game and the latest Mars rovers imageries from NASA. *Sky and Telescope Magazine* proclaimed, "It's a must-have for science teachers!" Mac and Windows compatible.

For children ages 12 and up.

CD-ROM List Price \$19.95

CD-ROM Educational Lab Pack\* (5) \$ 60.00



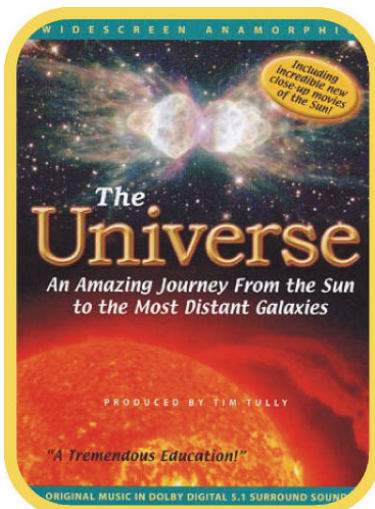
**The Universe** (Universe Productions) is a brilliant video tour of over 200 amazing astronomical objects, featuring images from Hubble, SOHO, TRACE and NASA's other orbiting space telescopes. The Universe sweeps you past distant galaxies and through magnificent nebulae, zooms up close to the inferno of the Sun, and flies deep within dense clusters of dazzling stars. Each of twelve chapters showcases a different type of object, featuring a concise narration explaining every image. An original orchestral score in Dolby 5.1 surround sound beautifully complements the mystery and magnificence of these dazzling cosmic phenomena. There's never been a better way to see and study the mysteries of deep space. Available in DVD.

### Features

- See galaxies from the dawn of time
- Magnificent nebulae and star clusters
- Watch Saturn
- See stars being born

### Special DVD Bonus

- Presentations by prominent astronomers
- Widescreen anamorphic, 16:9 video
- Dolby Digital
- Windows® screen saver



List Price \$24.95



## HYDRAZOID: Sound-Activated Robot

iBOTZ



Using only basic hand tools assemble this robot kit for a fun learning experience! The HYDRAZOID will react to sound impulses such as clapping of hands, move forward for 15 seconds, and then stop to await another sound command. LEDs and illuminated fibre optic antennae give this HYDRAZOID a cool alien appearance. HYDRAZOID is a good introduction to building kits that feature the basic robotic action of sound detection.

**No soldering involved!**

HYDRAZOID comes with an extensive operation manual, teaching you all about electronics and mechanics.

Movement: Four legs driven by a DC motor. Control: Sound sensor including condenser microphone. Dimensions: 2 3/4" (H) x 1 3/4" (W) x 2 5/32" (L). Power source: Requires two (2) AA batteries

**For children ages 8 and up**

**List Price: \$36.45**

## TRIBOTZ: Three Robots in One

iBOTZ

The TRIBOTZ is three robots in one! TRIBOTZ can operate in three modes:

**Avoider mode** where on-board sensors help TRIBOTZ to avoid obstacles;

**Sound Operating mode** where TRIBOTZ changes direction in response to sound impulses;

**Line Tracer mode** where on-board sensors enable the robot to follow a line drawn by a felt tipped pen.

Build a toy that 'thinks' on its own! **No soldering involved!** Comes complete with a line track and an instruction manual detailing how to build the robot, and educational material about how it works.

Movement: 2 wheels driven by 2 DC motors. Control: Sound sensor including condenser microphone, infrared light sources, and light detectors. Dimensions: 3 15/16" (H) x 5 7/8" (W) x 5 1/2" (L). Power source: Requires two (2) "AA" batteries

**For children ages 8 and up**

**List Price: \$54.95**



## ANTOID: Obstacle-Avoiding Robot

iBOTZ

ANTOID is simple to build and is a rewarding and interesting kit. Build ANTOID correctly and you'll have created a life-like robot ant that 'thinks' on its own! ANTOID takes note of its environment, then walks forward with its six insect-like legs and avoids all objects in its way. ANTOID detects objects with its infrared eye and moves accordingly! It's incredible!

Perfect for ages 8-108, budding engineers of all ages are captured by ANTOID's cutting edge technology and love its cool translucent look! ANTOID comes with an extensive operation manual, teaching you all about electronics and mechanics. **No soldering involved!**

Movement: Six (6) legs driven by two (2) DC motors. Control: Infrared sensor. Dimensions: 6 1/8" (H) x 7 1/16" (W) x 5 29/32" (L). Power source: Requires one (1) 9V and two (2) "AA" batteries.

**For children ages 8 and up**

**List Price: \$49.95**





## Robots & Rockets

### SOUNDTRACKER: A Hyper Sound-Activated Robot iBOTZ



The SOUNDTRACKER reacts to sound impulses and objects in its path. When it detects a sound or hits an obstacle, it will reverse away at high speed, and then turn to its right and race off.

SOUNDTRACKER comes with an extensive operation manual teaching you all about electronics and mechanics. This kit teaches the fundamentals of sensor technology and shows you how it all goes together.

**No soldering involved!**

Movement: Three (3) wheels driven by a DC motor. Control: Sound sensor including condenser microphone. Dimensions: 3 3/4" (H) x 5 1/2" (W) x 4 15/16" (L). Requires two (2) "AA" batteries

**For children ages 8 and up**

**List Price: \$26.45**

### Praetor FlisKits, Inc.

The Praetor's large fins provide for extra stability while its large size promises slow, majestic lift offs time after time! The Praetor also has a small payload section suitable for a variety of payloads. A colorful 16" parachute returns your model gently, flight after flight. A fine addition to any model rocket fleet, the Praetor will provide many hours of enjoyment, both building and launching!

The Praetor also has a very important and unique history. The Praetor was the anniversary kit, designed by Jim Flis and presented to attendees of the **1990 Pearl River Model Rocketry Convention** in Pearl River, NY, founded and hosted by teacher Dick Nelson.

Length: 23.9"  
 Diameter: 1.637"  
 Fin Span: 13.6"  
 Weight: 2.3 oz.

Recommended motors: A8-3, B6-4, C6-5, D10-5

**For ages 10 and up**

**List Price \$16.95**



### Cheetah FlisKits, Inc.

The Cheetah sports a long, narrow profile and large trapezoid fins. The Cheetah provides outstanding flights with incredible stability to bring you many hours of rocketry fun! The use of a streamer for recovery will help you to recover your Cheetah from the extreme altitudes possible with 2-stage flights.

Easy to follow instructions and guidelines makes the Cheetah a perfect choice for your first multi-staged model rocket! Use this model to learn valuable lessons to prepare you for more advanced multi-staged kits.



Length: 23.8"      Fin Span: 5.5"  
 Diameter: 0.976"      Weight: 1.9 oz.

Recommended motors:  
 1st stage:  
 B6-0, C6-0  
 2nd stage:  
 A6-4, A8-5, B6-6, C6-7



**For ages 10 and up**  
**List Price \$14.95**



## Rhino FlisKits, Inc.

The Rhino was designed with one primary purpose in mind. To create a model rocket kit with the educator in mind! The Rhino is easy to build, a perfect model for the beginner, featuring laser cut fins, yet teaches very important basic skills in model rocket construction.

Producing slow, realistic takeoffs, this large model is a perfect small field rocket, gaining modest altitude and returning on a brightly colored FlisKits parachute.

Instructions include a detailed section on hints and tips to help the beginner learn more from his model building experience.

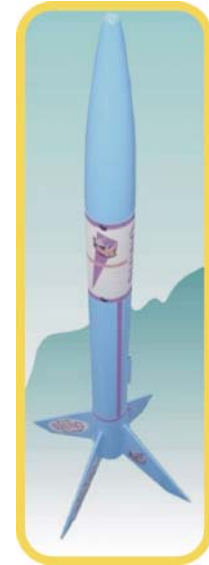
Length: 24.5"      Fin Span: 10.5"  
Width: 1.637"      Weight: 2.49 oz.

Recommended motors: B4-2, B6-2, C6-5



**For ages 10 and up**

**List Price \$12.95**



## A.C.M.E. Spitfire FlisKits, Inc.

Don't let its simple lines fool you. This is a quite complex model to build! With 7 Centering Rings, cutting and customization of Body Tubes and rolling your own Nose Cone, there are challenges here that you won't find with other kits.

Astound all of your rocketry friends with a rocket that looks like it cannot possibly fly yet turns in one perfect flight after another!

**An actual customer comment received by FlisKits:** *"The FlisKits ACME Spitfire is an amazingly stable, absolutely cool model that is a MUST-HAVE for everyone's silo. FlisKits has been at it again, burning the midnight oil to bring you probably the most unique model rocket kit ever to be mass produced—The FlisKits "ACME Spitfire!"*

Length: 18.1"      Fin Span: 8.0"  
Diameter: 2.217"      Weight 2.87 oz.

Recommended motors: C11-3, D12-3



**For ages 10 and up**

**List Price \$15.95**

Sometimes with fundraising catalogs the 'customer' may not find something that appeals to their interests, yet they still wish to contribute to these worthy causes. For that reason The IGNITE Foundation has included a space in our order form for you to simply make a donation to the non-profit organization that is using this catalog for any amount that you choose.

**100% of all cash donations will go directly to the fundraising organization, and as non-profit organizations, most donations are tax deductible.** (Since tax laws vary, please consult your accountant for details.)

We hope that you enjoy these products and that this program is successful in finding win/win solutions to the economic situation we all find ourselves in!

The IGNITE Foundation, Inc.