

Hi folks,

ALOHA! Here are some outstanding websites for you and your students to explore and use in the classroom. Parents may find them interesting as well.

S.T.E.M. HAWAII

This is Hawaii's own online resource site for **Science, Technology, Engineering and Math**-related information and programs for students (K-16). It is a terrific compilation of the latest Hawaii news stories on STEM topics, a calendar of STEM events (such as science or robotics competitions), and links to dozens of STEM program websites, of which Starbase is one. There are things happening every month that your students may be interested in joining or attending with their parents. Go to: <http://www.stemhawaii.com>

SPIGOT SCIENCE MAGAZINE FOR KIDS

SPIGOT is a brand new, FREE, on-line publication for students and teachers grades 4-7. The premier January/February 2008 issue is available now online in PDF format. Each issue covers a single theme with connections to other subjects across the curriculum. WATER, the basis of life, is the theme for January/February. Spigot offers articles, research projects, activities, poems, games, on-line links and picture books. Spigot is guided by a Virtual Advisory Board consisting of classroom teachers and specialists in science, writing, publishing, library science, children's literature, classroom presentations, technology, online learning, teaching and research. To get your FREE subscription, go to: <http://www.spigotsciencemag.com> Look at the web site, go to SUBSCRIBE, and follow directions. Once you are subscribed, go to MEMBERS ONLY and click on PREMIER ISSUE.

MEET A SPACE ARCHITECT (K-4)

Who knew space missions require an architect just as much as buildings do? Space Place Live!, the cartoon talk show where the Space Place kids, Kate and Kyo, chat with real NASA scientists and engineers about their jobs, talks with Linda Herrell, a space mission architect.

Space Place, a NASA science and technology site for children, offers a "teacher's corner," as well as games, podcasts and instructions for projects such as making pop rockets, asteroid potatoes and other spacey things. There is also a link to a Spanish language version of the site.

For more information, go to <http://spaceplace.nasa.gov/en/kids/>

ASTRONOMY AFTER SCHOOL (K-12)

Join an ever growing community of After School Astronomy Clubs and share your ideas, questions, challenges, and approaches with other clubs.

After School Astronomy Clubs provide students, families, and even whole communities with a unique opportunity to experience the wonders of astronomy outside of the traditional school day. These clubs can provide focused experience beyond the scope of the school curriculum for groups of motivated students. For more information, visit

<http://afterschoolastronomy.org/>

WIKISKY BROWSES THE HEAVENS

Imagine standing on the ground looking up into a clear sky unclouded by weather or light pollution. That's the effect you get staring into Wikisky, a detailed, interactive map of the heavens.

The new site features more than half a billion astronomical objects. Visitors can navigate easily by clicking and dragging the map and using a zoom-in/zoom-out sidebar. The site also includes a link to the Sloan Digital Sky Survey which generates a high resolution Sky Survey image of the area being browsed. To explore more, go to <http://wikisky.org/>

ASTROMATH LESSONS (K-5)

AstroMath is a package of inquiry-based classroom lessons designed to integrate the K-4 national standards in mathematics (NCTM) and astronomy (NSES) using existing NASA science resources. The lessons address subject areas such as measurement, numbers, algebra, geometry and spatial sense, and more. To download lesson plans, go to <http://solar.physics.montana.edu/astromath/>

SOUNDS OF SATURN

Sounds from outer space are weird, if not downright spooky. Be ready for a goosebump or two as you feast your ears on some of the greatest sounds gathered during the exploration of the Saturnian system.

To listen to the sounds of Saturn, go to <http://saturn.jpl.nasa.gov/multimedia/sounds/>

BIOLOGY EDUCATION ONLINE (K-5)

BioEd Online offers slides, lesson plans and activities to translate cutting-edge information into the classroom. Developed by Baylor College of Medicine, site also includes streaming video presentations.

Recent topics included water cycles and nutrition, as well as answering such questions as why our ears pop and what causes an ice cream headache. For more information, go to <http://www.bioedonline.org/k-5/>

SKY PERFORMANCE ROCKET CLUB

The Spring schedule is out. Rocketeers will get together for their monthly rocket launches on the Windward Community College Campus on January 19, February 16, March 15, April 19 and May 17 from 2:30-5:00 PM. For driving instructions visit their website at:

<http://users.lava.net/~hrapoza/skyp.html>

Again, we hope you and you students will find some of these sites useful. Please let us know they are, we love feedback.

Rocketman, Obi-Wan, Wings and Trinity
Starbase Atlantis—Naval Submarine Training Center Pacific
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Pearl Harbor, HI 96860