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January 2010

#### Science at Home

Are you looking for the perfect project to do with your family over the weekend or on a snow day? Would you like to do more "science" at home? We've redesigned our <a href="Parents page">Parents page</a> to make it easier for parents to actively encourage enthusiasm for science, and to be involved with their family's science literacy, both at school and at home.



Science Buddies already makes it easy for students to find great projects for their science fairs, using our <u>Topic Selection Wizard</u> or browsing our library of <u>Project Ideas</u>. Now parents can visit our Parents page for tips and project advice from our own "Science Mom," and to browse our list of featured science projects that are perfect for doing at home as a family. With projects that can be completed in a few hours and that call for readily available products, like maple syrup, cabbage, rubber bands, or even M&M's®, it might be easier than you think to use what you have on hand for an exciting, at-home science activity.

## Science on the "Big Screen"

Whiz Kids is a documentary, released in 2009, that follows three 17-year-old students as they prepare to compete in the Intel Science Talent Search, the oldest science competition in the United States.

For information on public screenings, DVD availability, or to watch the trailer, visit the *Whiz Kids* website.



### **Projects for Scouting and 4-H**

Many of our science Project Ideas can be used to satisfy requirements for Girl Scouts, Boy Scouts, and 4-H activities. We've put together handy reference lists that match up Science Buddies Project Ideas with various club-related badges, patches, pins, belt loops, and areas of study. Check the <a href="Parents page">Parents page</a> for more information.

#### Science Buddies



#### **Lab Notebook Giveaway**

Good recordkeeping and the process of making routine entries in a lab notebook are key when working on science projects. Starting points need to be documented. Trial results need to be recorded. Research notes, changes, hypotheses, and dozens of details that arise during the course of a

project should be carefully entered in a lab notebook. Our staff scientists have posted their "best practices" for using a lab notebook on the Science Buddies blog.



To help encourage smart recordkeeping, we're

giving away a case of 24 lab notebooks for classroom use, courtesy of <u>Carolina Pad</u>. For details on how to enter your name, visit <u>Science Buddies at Facebook</u>.

# Paving the Way for Future Geologists

In an era of increasing energy needs, the world needs more talented geoscientists, alternative-energy experts, and

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# Awarded the NAPPA Seal Award



Science Buddies was recently honored with a prestigious 2009 Gold Award in the National Parenting Publications Awards (NAPPA)
Children's Products competition. For the past 20 years, NAPPA has helped parents and professionals make smart choices for their kids. Evaluating products using strict criteria, NAPPA's top-notch team of judges, parents, and even kids themselves select the most fun, safe, and educational products as NAPPA Gold and Honors winners.

climatologists. To help make this possible, <a href="Chevron">Chevron</a>, in conjunction with its California Partnership initiative, recently awarded Science Buddies a \$50,000 grant. Chevron's grant will underwrite outreach efforts and program services to students in local underserved communities, as well as underwrite the operation, maintenance, and improvement of our <a href="Geology Interest Area">Geology Interest Area</a>.

If you're interested in this exciting and important field, check out our <u>geoscientist</u> <u>career profile</u>.

### Hands-On Science Opportunity Transforms Teacher



Teacher Erin Moore recently wrote an entry for the Science Buddies blog about the transformational effects of her zero-gravity experience, an opportunity sponsored by the Northrop Grumman Foundation. Hands-on opportunities like this one give teachers the chance to experience science in a way that will make teaching more exciting and more accessible to students.

#### Focus on Climate Change and Ocean Preservation

Earthwatch, sponsored by the Northrop Grumman Foundation, is an innovative environmental education program for middle school math and science teachers. Hands-on expeditions focus on climate change or oceans preservation. If you're interested in this opportunity, fellowship applications should be submitted by February 8, 2010.

# **Check Out the Latest Career Profiles**

Our career library continues to grow! Science Buddies has recently added 25 new profiles to our Science Careers page. Working with our partners in industry and academia, we profile real-life scientists and engineers in expansive career overviews that feature descriptions, required education, video interviews, salaries, and more. The latest profiles include:

- Agricultural technician
- Computer hardware engineer
- Food scientist
- Marine architect
- Park ranger

# Looking for a Perfect Project for *You*?



Our <u>Topic Selection Wizard</u> can help guide you to a science project that fits your areas of interest *and* meets science fair requirements. Give it a try today!

### **Show Your Science Buddies Support!**



Support Science Buddies *and* get cool stuff! The <u>Science Buddies CafePress store</u> now features all kinds of logo-wear--from Sigg<sup>TM</sup> bottles and hats to t-shirts and more. Stop by and check it out!

#### **Follow Science Buddies**

The <u>Science Buddies at Facebook</u> page makes it easy to learn about new projects, drawings and giveaways, and other Science Buddies' news. Mark yourself a "fan" to see our updates in your news feed.



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#### **Help Spread the Word**

If you have a friend, colleague, or family member that you think would enjoy Science Buddies and the Science Buddies newsletters, please do forward a copy of this month's newsletter.

(If you received a copy of the newsletter from a friend and would like to sign up, please visit: <a href="http://tinyurl.com/ydgjbsq">http://tinyurl.com/ydgjbsq</a>.)

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