



# HOME SCHOOL PROGRAMS 2010-2011

Suggested for children ages 6-10 with an adult.



## Magnetism

Aug. 24, 25, 26 & 27, 10–11:30 a.m.

Aug. 30 & 31, Sept. 1 & 2, 1–2 p.m.

What can hold most metals together? No, it isn't glue. Engage in a hands-on exploration of the power of magnetism!

## Owl Pellets

Sept. 21, 22, 23 & 24, 10–11:30 a.m.

Sept. 27, 28, 29 & 30, 1–2:30 p.m.

The wise old owl leaves clues about its meals. As you study the evidence, you will determine what an owl eats.

## Bats Incredible!

Oct. 12, 13, 14 & 15, 10–11:30 a.m.

Oct. 18, 19, 20 & 21, 1–2:30 p.m.

They fly at night and eat thousands of insects. Join us as we study these unique creatures.

## Water Cycle

Nov. 2, 3, 4 & 5, 10–11:30 a.m.

Nov. 8, 9, 10 & 11, 1–2:30 p.m.

You can't live without water and it covers most of the earth! Become a drop of water and move through the water cycle.

**Now through Sept. 1 - register for 10 classes and get the 11th free!**

To register, call Mary Campbell at 602-253-4219 ext. 234 or email [campbellm@azscience.org](mailto:campbellm@azscience.org).

### Registration Fees

Pre-registration is required through Arizona Science Center. Classes are non-refundable.

Members: \$15 for the first parent and child;  
Non-Members: \$20 for the first parent and child.  
\$5 for each additional child.

### Membership Bonus

Join us for *Home School Connections* classes and receive a \$20 discount on any level membership.

### Check Out Kits

Families who participate in *Home School Connections* programs are eligible to check out one of our science kits for one month at \$5 per kit. Kits can be checked out immediately following any *Home School Connections* class.

### Usery Mountain Regional Park

Exciting, experiential programs led by Arizona Science Center at the new Usery Park location in East Mesa, followed by outdoor science explorations with park rangers.

### Busy Bones Lab

Oct. 6, 2010 & Feb. 16, 2011

Recommended for ages 6-11 with an adult. Participants learn just how amazingly active our bones really are through a dissection of actual cow bones! Pre-registration is required and spaces are limited to first-come, first-served. Free with general admission. For reservations and more information, email [campbellm@azscience.org](mailto:campbellm@azscience.org).

**For more information, visit [azscience.org/home\\_school\\_science](http://azscience.org/home_school_science).**

**All classes are non-refundable.**





## Loopy Geometry and More

Nov. 30, Dec 1, 2 & 3, 10–11:30 a.m.  
Dec. 6, 7, 8 & 9, 1–2:30 p.m.

Give a twist and explore the characteristics of the Mobius Strip. Then exercise your brain with tangrams.

## Zap!

Jan. 4, 5, 6 & 7, 10–11:30 a.m.  
Jan. 10, 11, 12 & 13, 1–2:30 p.m.

Explore series and parallel circuits as you make your own game.

## The Eyes Have It!

Feb. 1, 2, 3 & 4, 10–11:30 a.m.  
Feb. 7, 8, 9 & 10, 1–2:30 p.m.

Can you see in the dark? Do you know why the eyes of some animals glow at night? Dissect a real cow eye and compare it to your eyes.

## Cat-a-pults

Mar. 1, 2, 3 & 4, 10–11:30 a.m.  
Feb 28, Mar. 1, 2 & 3, 1–2:30 p.m.

In this very active, hands-on workshop, learn the basics of our crafty cat-a-pults, then participate in a “cat” challenge.

## Beautiful Butterflies

Note there is an extra \$5 charge for each participating child.

Mar. 22, 23, 24 & 25, 10–11:30 a.m.  
Mar. 21, 22, 23 & 24, 1–2:30 p.m.

Registration closes Mar. 15.

Bring the metamorphic cycle to life in your home. Make a butterfly habitat, receive painted lady butterfly larvae and take them home to watch their beautiful transformation.

## Have a Heart! You Have a Lot of Nerve!

April 5, 6, 7 & 8, 10–11:30 a.m.  
April 11, 12, 13 & 14, 1–2:30 p.m.

Create blood soup, beady neurons and more as you digest some of the human body.

## Fascinating Polymers/ Marvelous Chemicals

May 3, 4, 5, & 6, 10–11:30 a.m.  
May 9, 10, 11 & 12, 1–2:30 p.m.

It's a solid. No, it's a liquid! It's wet. No, it's dry! What is this stuff? Play with polymers and learn about their amazing properties!

**Classes are non-refundable!**

