

## How the World Works!

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- **Aboard the Blue Heron**  
<http://www.bellmuseum.org/distancelearning/greatlakes/blueheron/>

Here's your chance to sneak aboard the Blue Heron, a research vessel and explore the ship, above and below decks.

- **Amazing Space**  
<http://amazing-space.stsci.edu/>

Play the space games; be challenged by the brain teasers; or see video of an animated black hole.

- **Animals from Around the World**  
<http://www.kidscom.com/games/animal/animal.html>

See if you can figure out what the animal is before the photo is complete and learn some interesting facts about each animal.

- **Arty the Part Time Astronaut**  
<http://www.artyastro.com/>

Play these Flash games and activities about space.

- **Ask an Astronomer**  
[http://imagine.gsfc.nasa.gov/docs/ask\\_astro/ask\\_an\\_astronomer.html](http://imagine.gsfc.nasa.gov/docs/ask_astro/ask_an_astronomer.html)

Ask a question of a NASA astronomer or go through the archives to find the answers to questions others have asked.

- **Be a Space Craft Engineer**  
<http://stardust.jpl.nasa.gov/classroom/jason/index2.html>

You'll go through training, and briefing then designing of your space craft.

- **Billy Bear's Playground**  
<http://www.billybear4kids.com/>

Play games; read stories; learn about the animals; and how to take care of your pet to name a few things on this site.

- **Build a Fish**  
[http://www.sheddaquarium.org/sea/interactive\\_module.cfm?id=7](http://www.sheddaquarium.org/sea/interactive_module.cfm?id=7)

Build a Fish by choosing a body, mouth, and color/pattern, then release it into the reef! You can drive your fish around the reef in search of food and to evade predators. Can your fish find enough food without being eaten? Grades 3-6

- **Challenging the Space Frontier**  
<http://teacher.scholastic.com/space/index.htm>

Learn about the famous astronauts.

- **Consumer Report 4 Kids**  
<http://www.zillions.org/>

Find out about the most popular games/toys and how other kids rate them. There's even a comic strip - Daze of Our Lives where you can decide how it should end.

- **Cosmic Space**  
<http://www.childrensmuseum.org/cosmicquest/spacestation/index2.html>

You're in charge of designing a space station and what goes inside.

- **Creative Chemistry**  
<http://www.creative-chemistry.org.uk/activities/masks.htm>

Creative Chemistry put together a load of fun activities to make you a Happy Chemist, so choose something and enjoy.

- **Dirtmeister's Science Lab**  
<http://teacher.scholastic.com/dirt/index.htm>

Perform experiments such as lifting something 4 times your weight or making some good vibrations.

- **Discovery Channel Online**  
<http://dsc.discovery.com/>

Discover for yourself with videos, audio, and text the world around you.

- **Dolphins in Depth**  
<http://www.brookfieldzoo.org/dolphingame/game.html>

Five bottleneck dolphin games to enjoy.

- **Fact Monster - Science**  
<http://www.factmonster.com/science.html?link=fmhpnp>

From the unusual animals to computers to the latest on space exploration, Fact Monster has the information kids are seeking, all in one easy-to-use, searchable site.

- **Frogs**  
<http://www.exploratorium.edu/frogs/>

Learn about frogs and have some fun at the same time.

- **Galaxy Tour**  
<http://school.discoveryeducation.com/schooladventures/universe/galaxytour/index.html>

Are you ready for the ultimate field trip? You'll start in your own cosmic neighborhood, the Milky Way, then zoom out to other galaxies of the universe

- **Geo Mysteries**  
<http://www.childrensmuseum.org/geomysteries/index2.html>

Help Rex the dinosaur solve these mysteries about rocks, fossils and minerals

- **How Stuff Works**  
<http://express.howstuffworks.com/>

Read the featured "stuff" and how it works or explore.

- **How We Made the First Flight by Orville Wright**  
<http://www.aero-web.org/history/wright/wright.htm>

Learn about the Wright brothers and their adventures.

- **Hubble Space Telescope Images by Subject**  
<http://hubblesite.org/newscenter/archive/releases/category/>

Play the space games; be challenged by the brain teasers; or see video of an animated black hole.

- **Jason Project**  
<http://www.jason.org/public/home.aspx>

Headed by world famous explorer Dr. Robert Ballard, a team of students and scientists investigates a different part of the world. Click on the symbol for the latest Jason project to find out where they are exploring now or go to the archives to visit past expeditions. (video, audio, and photos)

- **Kaboom**  
<http://www.pbs.org/wgbh/nova/kaboom/>

Learn how fireworks work or read an interview with a gal whose firm implodes buildings including the remains of the Oklahoma City Federal Building.

- **Kids Design Network - DuPage's Children's Museum**  
<http://www.dupagechildrensmuseum.org/kdn/>

You'll investigate a challenge, dream up a design, and draw your plans on the computer. Then, using the Internet, you can show your design to a real engineer! They'll help with your design, so you can go and build it! And best of all, it's free! Only ask for a name and password but your parent needs to register you.

- **Kids Solar System Exploration**  
<http://solarsystem.nasa.gov/kids/index.cfm>

Kids Solar System Exploration has animated cartoons, games, activities and information on the planets.

- **Kids' EQ**  
[http://www.montereybayaquarium.org/lc/kids\\_place/](http://www.montereybayaquarium.org/lc/kids_place/)

Check out the E-Quarum (Monterey Bay Aquarium online) for animal games, explore different habitats to see what underwater creatures lurk there, or find out about careers in oceanography.

- **Kratt's Creatures**  
<http://pbskids.org/krattscreatures/login.shtml?>

Play in "creature world", go to "creature crazy", see "don't go this way", or stay at the "creature clubhouse".

- **Looney Tunes Teach the Internet**  
<http://www.warnerbros.com/ltti/index.html>

Learn all about the Internet - newsgroups, chats, electronic mail, searching the web, and more.

- **Magic School Bus Online Activities**  
<http://www.scholastic.com/magicschoolbus/games/home.htm>

Join your favorite characters in games and adventures.

- **Moo Milk**  
<http://www.moomilk.com/>

Learn all about milk production, play games or find great recipes.

- **Mysteries of Catalhoyuk**  
<http://www.smm.org/catal/>

See if you can solve these archeological mysteries.

- **Mystery of the Poison–Dart Frog**  
<http://www.ncmoa.org/costarica/>

Solve a mystery in the rainforest and treasure galleries of Central America using clues from ancient art made of jade and gold. Your companions on this interactive adventure will be twins Zeke and Zoey as you discover jaguars, crocodiles and the elusive Poison Dart Frog.

- **NASA Kids**  
<http://www.nasa.gov/audience/forkids/kidsclub/flash/index.html>

Find all types of fun activities to do, see, or make.

- **National Geographic for Kids**  
<http://kids.nationalgeographic.com/>

Learn about the world around you with these fun games & activities.

- **National Paper Airplane Contest**  
<http://teacher.scholastic.com/paperairplane/index.htm>

Find out how to hold your own Paper Airplane Contest.

- **National Wildlife Federation - Kids**  
<http://www.nwf.org/kids/>

National Wildlife federation site with online games, make & do, contests, stories and much more. (Separate sections for different age groups.)

- **Ology**  
<http://www.amnh.org/ology/index.php>

Defined as “anyone who follows their curiosity about something and keeps at it until they get answers. Then they have a hundred new questions.” Explore the universe, dinosaurs, or your genes with these interactive activities.

- **PBS Nature: Puzzles and Fun**  
<http://www.pbs.org/wnet/nature/category/interactives-extras/interactives-games/>

Go on an interactive multimedia adventure. Subjects have included dog sledding 101, a photo safari, and using sign language to “speak” to a gorilla.

- **Planet Ocean**  
<http://school.discoveryeducation.com/schooladventures/planetoccean/>

Can you imagine a planet where ninety-nine percent of the living space is ocean? You don't have to. You're living on it! Find out about barracuda, tubeworms, blue whales and more.

- **Reeko's Mad Scientist Lab**  
<http://www.spartechsoftware.com/reeko/>

"Be curious, explore (place your cursor over objects and click everywhere), and above all - HAVE FUN!"

- **Robots and Us**  
<http://www.robotsandus.org/>

See how studying insects led to the creation of some very interesting robots, interactive games and video.

- **San Diego Zoo**  
<http://www.sandiegozoo.org/>

See the panda via the panda cam, go to the baby page, or just browse through the different animals at the zoo.

- **Sky Watch**  
<http://school.discoveryeducation.com/schooladventures/skywatch/>

A guide to the night sky for stargazers and night owls.

- **Space Age Living**  
<http://school.discoveryeducation.com/schooladventures/spacestation/>

Watch an animation of how the International Space Station was built.

- **Squish the Fish**  
[http://www.sheddaquarium.org/sea/interactive\\_module.cfm?id=8](http://www.sheddaquarium.org/sea/interactive_module.cfm?id=8)

Help Squish the Fish travel out across the reef to find his lunch. He needs to find friends who will help him hide from his nemesis, BigTooth Blob. Grades K-2

- **StarChild**  
<http://starchild.gsfc.nasa.gov/docs/StarChild/StarChild.html>

A Learning Center for Young Astronomers - Pick the level that's right for you - level 1 for the younger child and level 2 for the older.

- **The Atoms Family**  
<http://www.miamisci.org/af/sln/>

Meet the Atoms family - Frankenstein, Wolfman, Dracula, Mummy, etc. You'll learn about electricity, energy, light waves and of course atoms.

- **The Watershed Game**  
<http://http://www.bellmuseum.org/distancelearning/watershed/>  
Broken Link

Many things happen in a watershed that affect the quality of the water we rely upon. What are they? Will you make the best decisions in managing your watershed?

- **The Why Files**  
<http://whyfiles.org/>

Read the feature articles about current events or look back into the archives for much more.

- **Voyage to the Deep**  
<http://www.ceoe.udel.edu/deepsea/>

Go on a trip to the bottom of the sea with a team of modern day explorers.

- **Weather Center: Hurricanes**  
<http://teacher.scholastic.com/activities/wwatch/hurricanes/>

Discover the facts about hurricanes and keep up with the latest hurricane news.

- **What's Really Going on Under the Ground**  
[http://school.discoveryeducation.com/schooladventures/soil/soil\\_safari.html](http://school.discoveryeducation.com/schooladventures/soil/soil_safari.html)

A toxic chemical has spilled and it is making its way through the underground water. It will destroy this meadow and the life in its soil unless you can find something to stop it. The Earth Ship is standing by.

- **Woolly Mammoth**  
<http://school.discoveryeducation.com/schooladventures/woollymammoth/index.html>

Join the expedition uncovering a woolly mammoth; play the "Seven Steps to a Woollier Mammoth"; or go to the links for more information on the woolly mammoth. (older ages)

- **You Can with Beakman & Jax**  
<http://www.beakman.com/>

Enter Beakmans world with interactive demos or read the terrific questions. Here's a sample of the types of questions: Why is the sky blue?, Where Do Dreams Come From?, How Do CD's Work?, and many more questions with shockwave interactive illustrations. The questions change so be sure to go back.

- **Yuckiest Site on the Internet**  
<http://yucky.discovery.com/flash/>

Learn about your gross and cool body, visit one of the bug worlds, or play "yucky" games. An award winning site.