

## **Science By Category**

### **Space**

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

An extraordinarily kid friendly site. If they can't read the information they can click the microphone to hear it read to them. The site is vast.

<http://www.bbc.co.uk/science/space/>

This site is not as kid friendly as the prior one but certainly loaded with information and some interactive games about our solar system.

### **Ecosystems and Habitats/Life Science**

[http://www.harcourtschool.com/activity/exploring\\_ecosystems/index.html](http://www.harcourtschool.com/activity/exploring_ecosystems/index.html)

Go here for a comparison of desert, arctic plain, and everglades ecosystems. Reading is required at an end of third-beginning of fourth grade level but the pictures really tell the story.

<http://mbgnet.mobot.org/sets/index.htm>

This is a fabulous site. Study 6 different habitats by pictures and reading. You will love this site because it aligns perfectly with the curriculum.

<http://www.bbc.co.uk/sn/prehistoriclife/>

When you get to this page on the left toolbar choose dinosaurs or beasts. If you choose beasts then choose Fossil Fun from the left toolbar. Here you will find interactive sites for camouflage, burying bodies, making fossils, and puzzles. If you choose dinosaurs then please try Fact Files for up close scientific look (3D) at dinosaurs. On the horizontal toolbar pick 220 Million years ago and then click dino world for a fully interactive site that will truly give you some insight into ecosystems of dinosaurs. If you choose animals on the upper toolbar then you will also find quite a lot of information.

### **Animals/Life Science**

<http://www.switchzoo.com/default.htm>

Go here to create new animals. You enter by clicking the activities button and then make new animals on the pull down menu. Try animal drawings, animal poems, and animal stories before you leave the page for some terrific ideas to integrate this site with other disciplines like art, written language including poetry.

<http://www.pbs.org/kratts/index.shtml>

Create a user name and password so that you can continue to enter the site. There are a lot of fun learning activities about the animals in our world and their geographic location.

<http://www.ocean.com>

**WOW! WOW! WOW!** That is all I can say about this site. If you didn't know it, I love to dive and this site has hours of diving with some unbelievable creatures you don't get to meet. I could also put this site under ecosystems. It has many documentaries and the kids will absolutely become enchanted with what is so close to them yet unseen. Scroll down for more movies and keep your eye peeled for the little movie projector so the kids can watch, listen, and learn. I hope you can get your computer to go full screen. I hope you will have the time to investigate this entire site as I did. You will come back!

<http://kids.discovery.com>

Add the science/paleontology side to your dinosaur unit in Language Arts. You can discover what lived here on the east coast. You can create dinosaurs, both plant eaters and meat eaters. There is so much to discover here. Just use the list on the left toolbar.

<http://members.tripod.com/~Quillio/>

Here is a site for animal reports. They give only a few short paragraphs on each animal so the kids don't have to read too much.

### **Earth Science**

<http://www.iknowthat.com/com/L3?Area=Science%20Lab>

Go here and click the volcano icon to view a really kid friendly site for volcanoes. No, do not pass this up; you must let the kids do this. It is a real learning site.

<http://volcano.und.nodak.edu/>

Here is a place to go to see volcanoes in action plus a listing of all the active volcanoes in the world.

### **Physical Science**

<http://www.iknowthat.com/com/L3?Area=Science%20Lab>

Go here and click the matter icon to view a really kid friendly site for the states of matter. Cartoon animation makes it visually appealing and interactive.

<http://www.edheads.org/activities/simple-machines/index.htm>

If you have already used this site then you know that it is terrific, kid friendly, lots of higher level thinking going on, interactive, and fun too. This is the place for simple and compound machines.

[http://www.coe.uh.edu/archive/science/science\\_lessons/scienceles1/finalhome.htm](http://www.coe.uh.edu/archive/science/science_lessons/scienceles1/finalhome.htm)

More simple machines including a quiz on line.

<http://library.thinkquest.org/J002079F/sub3.htm?tqskip1=1>

Even more simple machines with kid's examples of machines at work.

<http://www.usoe.k12.ut.us/curr/science/sciber00/8th/machines/sciber/intro.htm>

Go here if you have the highly motivated science student. It is interactive and can really put some food thought into a little mind.

### **Experiments and Other Very Important Resources When You Have the Time**

[http://www.exploratorium.edu/science\\_explorer/](http://www.exploratorium.edu/science_explorer/)

Go here for some excellent ideas for science experiments or print them out for at home activities to accompany a unit.

<http://illuminations.nctm.org/>

Explore this site for everything math. You will be amazed at the scope and variety. Your computer will need to be Java capable for many of the lessons. Aligned with standards-YES. This is part of the marcopolo site.

<http://www.marcopolo-education.org/home.aspx>

Explore this site for everything science. It too is aligned with state standards. Part of the marcopolo site.

<http://www.nationalgeographic.com/xpeditions/lessons/matrix.html>

Everything geography and more. Excellent site from marcopolo. My favorite of all because it has so many links with every lesson. I used this when researching for Mr. Maribett's project.

<http://www.marcopolo-education.org/home.aspx>

You can start here for an expedition into the entire marcopolo site. You will find it overwhelming when you first start.

<http://www.whitehouse.gov/history/life/>

Click here for a virtual tour of the White House. It is really pretty cool.

<http://www.hoagiesgifted.org/links.htm>

Links for Gifted and Talented education.