

## Grade 4 Websites 2006-2007 Science Curriculum Guides

As was done for Grade 5, all of the Grade 4 Web sites have now been listed in one place. The Web sites are in the order of the curriculum guides Appendices. Unless otherwise noted, all sites listed below were accessible as of August 28, 2007. Some sites were replaced with new links.

Save this document to your documents. To open a Web site, hold down **Control** and **left click** on the **colored** typing. It will take you directly to the Web site.

### MSA Sample Assessments

<http://etest.ncspearson.com/Customers/Maryland/msa/itemsamples.htm>  
<http://www.edinformatics.com/testing/testing.htm>  
[http://nces.ed.gov/nationsreportcard/science/mdk12.org/share/vsc/vsc\\_science\\_gr38.doc](http://nces.ed.gov/nationsreportcard/science/mdk12.org/share/vsc/vsc_science_gr38.doc)  
[www.project2061.org/publications/bsl/online/ch4/ch4.htm#G\\_E](http://www.project2061.org/publications/bsl/online/ch4/ch4.htm#G_E)

### Life Science (Quarter 1)

Venus flytrap:

<http://plantsinmotion.bio.indiana.edu/plantmotion/movements/nastic/nastic.html>

Need to click on venus flytrap and wait for video to load.\*

Meat Eaters:

[http://www.hgtv.com/hgtv/gl\\_containers\\_indoor/article/0,1785,HGTV\\_3559\\_%201386014,00.html](http://www.hgtv.com/hgtv/gl_containers_indoor/article/0,1785,HGTV_3559_%201386014,00.html)

Venus flytrap:

[http://www.arkive.org/species/GES/plants\\_and\\_algae/Dionaea\\_muscipula/Dionaea\\_muscipula\\_00.html?movietype=wmMed](http://www.arkive.org/species/GES/plants_and_algae/Dionaea_muscipula/Dionaea_muscipula_00.html?movietype=wmMed)

Replaced by:

<http://plantsinmotion.bio.indiana.edu/plantmotion/movements/nastic/nastic.html> above\*

Acclaim Images:

**ALL ACCLAIM SITES ARE  
RESTRICTED/NOT ACCESSIBLE BY MCPS**  
<http://www.acclaimimages.com/>

Desert Picture:

**TAKES A LONG TIME TO DOWNLOAD**  
<http://pantransit.reptiles.org/images/1996-07-28/desert-scrub.jpg>

Tundra Picture: **COULD NOT BE FOUND**

<http://ripley.wo.sbc.edu/departamental/env-studies/geo/tundra.jpg>

Missouri Botanical Garden:

**Go to site and then search.**

<http://www.mobot.org/hort/gardens/>

Ocean Life:

**RESTRICTED/NOT ACCESSIBLE BY MCPS**

[http://search.acclaimimages.com/cgi-bin/photobase/search.pl?action=search&how\\_many=100&cols\\_wide=7&search\\_term=ocean+life&orientation=y&v=y&h=y&s=y&p=y&photographer=0000&rf=y&is\\_photo=y](http://search.acclaimimages.com/cgi-bin/photobase/search.pl?action=search&how_many=100&cols_wide=7&search_term=ocean+life&orientation=y&v=y&h=y&s=y&p=y&photographer=0000&rf=y&is_photo=y)

Stream Ecosystem:

<http://md.water.usgs.gov/publications/fs-2004-3004/html/UrbanStream.gif>

Cimarron National Grassland:

[http://www.fs.fed.us/r2/psicc/cim/images/tn\\_hill\\_to\\_river.jpg](http://www.fs.fed.us/r2/psicc/cim/images/tn_hill_to_river.jpg)

Grassland Biome:

<http://www.ucmp.berkeley.edu/glossary/gloss5/biome/images/grassland.jpg>

Dead plant:

<http://muextension.missouri.edu/explore/images/g06020photo02a.jpg>

Field mushroom:

[http://www.arkive.org/species/ARK/fungi/Agaricus\\_campestris/more\\_info.html](http://www.arkive.org/species/ARK/fungi/Agaricus_campestris/more_info.html)

Artist's fungus:

[http://www.arkive.org/species/ARK/fungi/Ganoderma\\_applanatum/more\\_info.html](http://www.arkive.org/species/ARK/fungi/Ganoderma_applanatum/more_info.html)

Nail fungus:

[http://www.arkive.org/species/ARK/fungi/Poronia\\_punctata/more\\_info.html](http://www.arkive.org/species/ARK/fungi/Poronia_punctata/more_info.html)

Wild rice:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufws898718S5eyg1205>

Eel grass:

<http://gimp-savvy.com/cgi-bin/keysearch.cgi?words=eelgrass>

Loblolly pine:

<http://gimp-savvy.com/cgi-bin/img.cgi?noabNyZ8Vdkhnqg4268>

Cattail:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufws1q6qDkH9sys1209>

Cattail:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsCu1yZmj2bp61450>

Bald Cypress:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacyZvaD4HsM064265>

Bald Cypress:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwso51P11CxX2M1437>

Bald Cypress:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufws7A12KtCpVCo923>

Plankton:

<http://gimp-savvy.com/cgi-bin/keysearch.cgi?words=plankton>

Wild Turkey:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacsPimoBT5NSQ3894>

Clam:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacnOwHuy7hwvE4055>

Clam:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsryik6OildDg468>

Diamondback Terrapin:

<http://gimp-savvy.com/cgi-bin/img.cgi?noabYpvCJtLt69Y2798>

Jellyfish:

<http://gimp-savvy.com/cgi-bin/img.cgi?noachJrqN1Z2Dco4592>

Dragon Fly:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsQL4ZQzkTYEc751>

Anchovy:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacADv3Qyc1mqU1721>

Canvasback Duck:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsLXcRFCG2hho423>

Horseshoe Crab:

<http://gimp-savvy.com/cgi-bin/img.cgi?noabpczc8jDCD3A3515>

Croaker:

<http://gimp-savvy.com/cgi-bin/img.cgi?noablXXFGKi9kfw810>

Shrimp:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacRZKueX5kIc4057>

Canadian Geese:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsAmM5Wp211Os1511>

Muskrat:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsasU8yi1V7Ms231>

Menhaden:

<http://gimp-savvy.com/cgi-bin/img.cgi?noabVtrib5isT3w851>

Stripped Bass:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsqeI68YJq31w1393>

Blue Heron:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacSDWWxfMuI8s4246>

Osprey:

<http://gimp-savvy.com/cgi-bin/img.cgi?noaaWLeD0PrbvLQ4545>

Green Stink Bug:

[http://insects.tamu.edu/images/animalia/arthropoda/insecta/heteroptera/pentatomidae/nezara\\_viridula%20adult\\_oblique\\_m\\_02.jpg](http://insects.tamu.edu/images/animalia/arthropoda/insecta/heteroptera/pentatomidae/nezara_viridula%20adult_oblique_m_02.jpg)

Black Rat Snake:

<http://www.epa.gov/maia/images/md-page31.jpg>

American Holly:  
<http://www.nps.gov/plants/pubs/chesapeake/img/Trees/Ilex-opaca-USFWS-BES.jpg>

American Holly:  
[http://www.nps.gov/applications/nature/photos/thumbnails/bnails/thumb\\_ACF25E9.jpg](http://www.nps.gov/applications/nature/photos/thumbnails/bnails/thumb_ACF25E9.jpg)

Blue Crab:  
<http://www.dnr.maryland.gov/bay/sav/restoration/crabb.jpg>

Blue Fish:  
<http://www.dnr.state.md.us/baygame/bluefish.asp>

Fungus:  
<http://gimp-savvy.com/cgi-bin/keysearch.cgi?words=fungus>

Bacteria:  
<http://gimp-savvy.com/cgi-bin/keysearch.cgi?words=bacteria>

Grass:  
<http://gimp-savvy.com/cgi-bin/img.cgi?noacloOcRoPdZ1M4261>

Grass:  
<http://gimp-savvy.com/cgi-bin/img.cgi?ufws35Hnj1GSEBE375>

Clover:  
<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsvTrY11OIlfy21439>

Gray Squirrel:  
<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsMV1VJR1LXOE702>

Rabbit:  
<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsf7712i0moh1227>

Mouse:  
<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsPric2u2kRwM638>

Red Fox:  
<http://gimp-savvy.com/cgi-bin/img.cgi?noacvDf6AB196MQ4084>

Red Fox:  
[http://www.nps.gov/romo/resources/plantsandanimals/names/checklists/mammals/red\\_fox.html](http://www.nps.gov/romo/resources/plantsandanimals/names/checklists/mammals/red_fox.html)

White-tailed Deer:  
<http://gimp-savvy.com/cgi-bin/img.cgi?noacpmV2TtB2mmA4083>

Chipmunk:  
[http://www.nps.gov/romo/resources/plantsandanimals/names/checklists/mammals/least\\_chipmunk.html](http://www.nps.gov/romo/resources/plantsandanimals/names/checklists/mammals/least_chipmunk.html)

Gypsy Moth:  
<http://na.fs.fed.us/spfo/pubs/fidls/gypsymoth/gypsy.htm>

Slug:  
<http://www.nps.gov/olym/slug.jpg>

Barn Owl:  
<http://www.owlpages.com/owls.php?genus=Tyto&species=alba>

Garter Snake:  
<http://www.werc.usgs.gov/dixon/snake.gif>

Grasshopper:  
[http://ars.usda.gov/images/docs/9021\\_9215/grasshopper.JPG](http://ars.usda.gov/images/docs/9021_9215/grasshopper.JPG)

Box Turtle:  
<http://www.nps.gov/cuva/kidstuff/alphabet/images/boxturtle.jpg>

Honey Bee:  
[http://ars.usda.gov/images/docs/11414\\_11608/IDbee%20honey%20bee.png](http://ars.usda.gov/images/docs/11414_11608/IDbee%20honey%20bee.png)

Oak Tree:  
<http://www.fotosearch.com/photos-images/oak-tree.html>

Mushroom:  
<http://epa.gov/reg3hwmd/super/sites/MDD980704852/photos/mushroom.jpg>

Bracket Fungus:  
<http://www.bioschool.co.uk/bioschool.co.uk/images/images/bracket%20fungus.JPG.jpg>

Groundhog:  
[http://animals.nationalgeographic.com/animals/enlarge/woodchuck\\_image.html](http://animals.nationalgeographic.com/animals/enlarge/woodchuck_image.html)

Maple Tree:  
[http://www.fotosearch.com/photos-images/maple-tree\\_2.html](http://www.fotosearch.com/photos-images/maple-tree_2.html)

Woodland Ecosystem:  
<http://www.californiapictures.com/woodland-01.html>

Chesapeake Bay:  
[http://earthobservatory.nasa.gov/Study/ChesapeakeBay/Images/chesapeake\\_amo\\_2004119.jpg](http://earthobservatory.nasa.gov/Study/ChesapeakeBay/Images/chesapeake_amo_2004119.jpg)

Chesapeake Bay Ecosystem:  
<http://www.nrcs.usda.gov/news/thisweek/images/chesapeakesmal.jpg>

Penguin:  
<http://www.gdargaud.net/Antarctica/Penguins.html>

Saguaro Cactus:

**INACTIVE. REPLACE WITH SITE BELOW\***

<http://earthobservatory.nasa.gov/Laboratory/Biome/Images/spsaguaro.jpg>

Sidewinder Snake:

<http://www.nps.gov/lame/visitorcenter/photos/0010.jpg>

Jackrabbit:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsf7712i0moh1227>

Saguaro Cactus\*:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwswfvOQ69ZdaM709>

Scorpion:

<http://www.nps.gov/tont/nature/graphics/scorpion.jpg>

Turkey Vulture:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsTFPPgDuJqf6244>

Horned Lizard:

<http://www.nps.gov/lame/visitorcenter/photos/0002.jpg>

Grass:

<http://gimp-savvy.com/cgi-bin/img.cgi?noacloOcRoPdZ1M4261>

Red-tailed Hawk:

<http://animals.nationalgeographic.com/animals/birds/red-tailed-hawk.html>

Red-tailed Hawk:

[http://www.nps.gov/applications/nature/photos/red\\_tailed\\_hawk.jpg](http://www.nps.gov/applications/nature/photos/red_tailed_hawk.jpg)

Aloe Vera:

<http://davesgarden.com/guides/pf/showimage/3039/>

Tarantula:

<http://www.nps.gov/tont/nature/graphics/tarantula.jpg>

Coyote:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwsKqM1cz6NNz2301>

Oak Tree:

<http://www.fotosearch.com/photos-images/oak-tree.html>

Mushroom:

<http://epa.gov/reg3hwmd/super/sites/MDD980704852/photos/mushroom.jpg>

Spotted Salamander:

[http://www.epa.gov/bioindicators/images/vernal\\_pool/Spotted%20Salamander%20Adult%20web.jpg](http://www.epa.gov/bioindicators/images/vernal_pool/Spotted%20Salamander%20Adult%20web.jpg)

Common Tree Frog:

[http://cars.er.usgs.gov/armi/Guide\\_to\\_Tadpoles/species/hyla\\_squirella/Hyla\\_squirella\\_adult\\_2.jpg](http://cars.er.usgs.gov/armi/Guide_to_Tadpoles/species/hyla_squirella/Hyla_squirella_adult_2.jpg)

Chickadee:

<http://www.mbr-pwrc.usgs.gov/id/html/h7360pi.jpg>

Blueberry Bush:

<http://gimp-savvy.com/cgi-bin/img.cgi?ufwscxiZEkuMsh11459>

Red Fox:

<http://www.nps.gov/archive/yell/slidefile/mammals/fox/Page.htm>

Raccoon:

<http://www.nps.gov/macagallery/raccoon.jpg>

White Footed Mouse:

<http://www.cdc.gov/ncidod/eid/vol5no1/mills1.1t.jpg>

## **Environmental Science (Quarter 2)**

<http://www.sciencenetlinks.com/interactives/evolution.html>

<http://sv.berkeley.edu/showcase/flash/fish.html>

<http://www.doe.virginia.gov/VDOE/LFB/lessonplans/wastingwater/session1.html>

<http://www.usd.edu/anth/epa/lessons.html>

[www.dnr.state.md.us/bay/tribstrat/protect.html](http://www.dnr.state.md.us/bay/tribstrat/protect.html)

[www.dnr.state.md.us/wildlife/wildacres.asp](http://www.dnr.state.md.us/wildlife/wildacres.asp)

[www.dnr.state.md.us/baylinks/ecosystem.html](http://www.dnr.state.md.us/baylinks/ecosystem.html)

## **Chemistry (Quarter 3)**

[http://www.chem4kids.com/files/matter\\_intro.html](http://www.chem4kids.com/files/matter_intro.html)

## **Earth Science (Quarter 4)**

<http://education.usgs.gov/common/primary.html> **INACTIVE**

[http://www.chem.vt.edu/RVGS/ACT/notes/Properties\\_of\\_Matter.html](http://www.chem.vt.edu/RVGS/ACT/notes/Properties_of_Matter.html)

<http://education.usgs.gov/schoolyear/index.html> **INACTIVE**

<http://www.geologyrocks.co.uk/pics.php?page=1&keywords=fossil>

<http://www.theimage.com/mineral/minerals1.html>

<http://mineral.galleries.com/minerals/hardness.htm>

<http://resourcescommittee.house.gov/subcommittees/emr/usgsweb/frames/main.html> **INACTIVE**

<http://marsprogram.jpl.nasa.gov/rockworld/>

[http://www.evolvingearth.org/earthsciencefront\\_photos/pastfrontpagephotos.html](http://www.evolvingearth.org/earthsciencefront_photos/pastfrontpagephotos.html) **INACTIVE**