

5th Grade Science Websites

Special Subscriptions

www.brainpop.com

www.teachertube.com

General Online Resources for Science

www.sciencenewsforkids.org

<http://www.rss.k12.nc.us/eled/TeacherSci.html>

<http://classroom.jc-schools.net/sci-units/earth-features.htm>

<http://www.songsforteaching.com/sciencesongs.htm>

<http://www.quia.com/pages/hostettersciencesecs.html>

www.scijinks.gov

Science Songs

<http://www.techtrekers.com/science.htm>

http://www.awesomelibrary.org/Classroom/Science/Earth_Sciences/Earth_Sciences.html

Natural Disasters

<http://science.pppst.com/naturalhazards.html> Natural Hazards PowerPoints & Games

<http://www.engagingscience.org/Links/Earth/> Interactive sites for Volcanoes & Earthquakes

Map Skills

<http://www.compassdude.com/topographic-maps.shtml> Topographical Map Skills

<http://www.compassdude.com/contour-quiz.shtml> Contour Quiz

Weather

http://www.epa.gov/safewater/kids/flash/flash_watercycle.html Interactive Water Cycle

<http://science.pppst.com/watercycle.html> The Water Cycle PowerPoints & Games

<http://science.pppst.com/weather/index.html> Weather PowerPoints and Games

<http://scijinks.jpl.nasa.gov/> Weather

[&title=Weather+\(Meteorology](http://www.kidsclick.org/cgi-bin/searchkids.pl?searchtype=all&keywords=weather+(meteorology)) Web Search

Weather for China Grove, NC http://www.wunderground.com/US/NC/China_Grove.html

<http://www.weather.com/weather/5-day/China+Grove+NC+28023> <http://weather.weatherbug.com/NC/China%20Grove-weather.html>

<http://www.accuweather.com/en/us/china-grove-nc/28023/month/2096512> <http://www.rssweather.com/zipcode/28023/wx.php>

Interactive Weather Map <http://www.intellicast.com/Local/WxMapFull.aspx> <http://www.weather.com/>

[weather/map/interactive](http://www.weather.com/weather/map/interactive)

National Weather Watch <http://www.nws.noaa.gov/view/national.php?map=on>

Satellite Images <http://www.ghcc.msfc.nasa.gov/GOES/>

Control the Weather <http://www.scholastic.com/kids/weather/>

Weather Watch <http://teacher.scholastic.com/activities/wwatch/index.htm>

Weather Wiz Kids <http://www.weatherwizkids.com/>

Web Weather <http://eo.ucar.edu/webweather/>

Make Your Own Weather Station <http://www.miamisci.org/hurricane/weatherstation.html>
Weather Dude <http://www.wxdude.com/>
The Weather Game <http://www.cotf.edu/ete/modules/k4/online/Wonline1.html>
Weather For Kids <http://www.sciencekids.co.nz/weather.html>
What is Weather? http://www.bbc.co.uk/schools/whatisweather/aboutweather/flash_menu.shtml
Predicting Weather http://www.ussartf.org/predicting_weather.htm
Cloud Identification Chart from S'Cool <http://science-edu.larc.nasa.gov/SCOOL/cldchart.html>
Cloud Identification Photos: <http://www.carlwozniak.com/clouds/CloudPix.html>
Cloud Information – Transcript of Tutorial: http://asd-www.larc.nasa.gov/SCOOL/tutorial/clouds/cloudtypes_transcript.html
Cool Cloud Pics <http://scijinks.jpl.nasa.gov/clouds-gallery>
More Kid-friendly information about clouds
<http://www.historyforkids.org/scienceforkids/physics/weather/clouds.htm>
Great but long PDF Lots of great pics and facts
http://www.bbc.co.uk/schools/whatisweather/aboutweather/flash_menu.shtml
“What is weather?” tutorials
http://www.bbc.co.uk/schools/whatisweather/aboutweather/flash_menu.shtml
Cloud Resources
<http://www.weatherwizkids.com/weather-clouds.htm>
Cloud Identification Wheel
<http://teacher.scholastic.com/lessonrepro/reproducibles/profbooks/cloudkey.pdf>
Reading Comprehension about clouds
http://www.abcteach.com/free/r/rc_clouds_upperelem.pdf
Video Clips of Moving Clouds
<http://blog.freefoto.com/resources/reelworship/video/index.jsp?section=Clouds>
<http://www.oceanfootage.com/stockfootage/Clouds/owner%3Ddzatz>
Awesome Cite with lots of images and quality information
<http://eo.ucar.edu/webweather/cloud3.html>
Cloud Types: Common Cloud Classification
[http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/cld/cldtyp/home.rxml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/cldtyp/home.rxml)
Reading Comprehension about clouds
http://www.abcteach.com/free/r/rc_clouds_upperelem.pdf
What Is A Cloud? Our World
<http://free-educational-videos.com/view/783/what-is-a-cloud/>

Landforms

<http://www.quia.com/jg/109706.html> Matching, Flash cards, Word search
<http://science.pppst.com/soil.html> Soil, Pebbles, Sand and Silt
<http://science.pppst.com/geology.html> Earth Science / Geology PowerPoints & Games
<http://science.pppst.com/groundwater.html> Groundwater PowerPoints & Games

Weathering, Erosion, and Deposition

<http://www.glencoe.com/sec/science/Science600/co/530.php?iRef=530&iChapter=16> Matching Game
- Difficult
<http://www.kidsgeo.com/geology-for-kids/> Online tutorials
<http://science.pppst.com/erosion.html> Weathering & Erosion PowerPoints & Games
<http://science.pppst.com/glaciers.html> Glaciers & Icebergs
http://science-class.net/Geology/weathering_erosion.htm Mixed Activities for Erosion

<http://geographyworldonline.com/erosiongames.html> Games, Puzzles, Quizzes

Forces and Motion

Forces and Motion Websites <http://classroom.jc-schools.net/sci-units/force.htm>

Force and Motion Facts <http://idahoptv.org/dialogue4kids/season9/forcesmotion/facts.cfm>

Skate Park <http://phet.colorado.edu/en/simulation/energy-skate-park>

Newton's Eggs http://www.tryscience.org/experiments/experiments_newtonseggs_online.html

Medieval Lever <http://www.wonderville.ca/asset/medieval-levers>

Newton's Laws of Motion

http://archive.ncsa.uiuc.edu/Cyberia/VideoTestbed/Projects/NewPhysics/newtons_1.html

http://archive.ncsa.uiuc.edu/Cyberia/VideoTestbed/Projects/NewPhysics/newtons_2.html

http://archive.ncsa.uiuc.edu/Cyberia/VideoTestbed/Projects/NewPhysics/newtons_3.html

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

Inventions and Tools during Colonial Times

<http://www.memorialhall.mass.edu/activities/tools/index.html>

Simple Machines: <http://www.edheads.org/activities/simple-machines/>

Create your own roller coaster <http://www.learner.org/interactives/parkphysics/coaster/>

Forces act on an object causing it to move. <http://www.usoe.k12.ut.us/curr/science/sciber00/8th/forces/sciber/forcmot.htm>

More examples of simple machines at work: <http://www.usoe.k12.ut.us/curr/science/sciber00/8th/machines/sciber/intro.htm>

Inventors and Inventions <http://www.enchantedlearning.com/inventors/indexa.shtml><http://fearofphysics.com/Friction/friction.html>

RUBE GOLDBERG WEBSITES

<http://www.rube-goldberg.com/>

http://en.wikipedia.org/wiki/Rube_Goldberg

<http://mousetrapcontraptions.com/history-4.html>

<http://mousetrapcontraptions.com/rube-cartoons-2.html>

<http://mousetrapcontraptions.com/links-10.html>

Roller Coaster Websites

<http://www.learner.org/interactives/parkphysics/coaster/>
<http://www.funderstanding.com/coaster>
http://en.wikipedia.org/wiki/Roller_coaster
<http://puzzling.caret.cam.ac.uk/game.php?game=roller>
http://www.sci-quest.org/home/just_for_kids/coaster.phtml
<http://www.ultimaterollercoaster.com/coasters/glossary/>
<http://www.glencoe.com/sec/science/cgi-bin/splitwindow.cgi?top=http://www.glencoe.com/sec/science/top2.html&link=http://dsc.discovery.com/games/coasters/interactive.html>

Ecosystem Websites

Climate Charts for Land Biomes <http://www.cotf.edu/ete/modules/msese/earthsysflr/summary.html>

2D Model of Biomes on a Globe <http://www.physicalgeography.net/fundamentals/9k.html>

3D Model of Biomes on a Globe <http://www.forgefx.com/casestudies/prenticehall/ph/biomes/biomes.htm>

Ecosystem Quiz <http://www.glencoe.com/qe/science.php?qi=230>

Additional Quiz <http://www.glencoe.com/qe/science.php?qi=1407>

Enchanted Learning <http://www.enchantedlearning.com/biomes/>

Additional info for biomes / Location on a map <http://www.runet.edu/~swoodwar/CLASSES/GEOG235/biomes/intro.html>

Additional Info. and Human Interaction <http://waynesword.palomar.edu/biomes.htm>

Additional Info with biomes on a map <http://www.cotf.edu/ete/modules/msese/earthsysflr/biomes.html>

This is a nice site to tie science curriculum together http://www.geography4kids.com/files/land_intro.html

Beautiful pics on site with info. <http://www.ucmp.berkeley.edu/exhibits/biomes/index.php>

Lots of fun activities. Make your own food chain http://www.ecokids.ca/pub/eco_info/topics/frogs/chain_reaction/index.cfm

Create your own food webs http://www.harcourtschool.com/activity/food/food_menu.html

Neat ecosystem links <http://www.2learn.ca/kids/science/lists/G5.asp?ID2=55>

Virtual Aquarium <http://www.fossweb.com/modules3-6/Environments/index.html>

<http://www.songsforteaching.com/geometryparkusa/producersconsumers.htm>

Food Chains and Webs <http://vtaide.com/png/foodchains.htm>

Food Chains and Webs http://www.arcytech.org/java/population/facts_foodchain.html

Needs for survival website: <http://www.harcourtschool.com/activity/animalneeds/>

Frog Flicker <http://kids.nationalgeographic.com/kids/games/actiongames/frog-flicker>

Find the Arctic Hare http://nature.ca/ukaliq/030act/013_spt_e.cfm

Cheetah on the Hunt

<http://www.pbs.org/wnet/nature/lessons/survival-of-the-fastest-predators-and-prey-on-the-african-savannah/lesson-overview/5660/www.pbs.org/wnet/nature/episodes/the-cheetah-orphans/game-tokis-survival-challenge/675/>

Switching Animal Body Parts <http://www.switcheroozoo.com/zoo.htm>

Animal Adaptations Game http://www.ecokids.ca/pub/eco_info/topics/climate/adaptations/index.cfm

Hidden Animals <http://www.sheppardsoftware.com/content/animals/hidden%20animals/Hidden%20Animals.htm>

Download this cool predator game <http://animal.discovery.com/tv/i-predator/game/>

Raptorvision <http://www-tc.pbs.org/wnet/nature/files/2008/08/game.swf>

Science Fair

<http://science.pppst.com/scientificmethod.html> The Scientific Method
<http://www.super-science-fair-projects.com/>
<http://www.science-project.com/dr.shawnsideabank.html>
<http://school.discoveryeducation.com/sciencefaircentral/>
<http://www.all-science-fair-projects.com/>
<http://www.techtrekers.com/science.htm#SCIENCE>

General Science Websites for Teachers to Explore:
<http://www.kidsites.com/sites-edu/science.htm>

<http://amasci.com/amateur/coolsci.html>

http://familyinternet.about.com/od/websitesforkids/tp/science_websites.htm

<http://onlinenursepractitionerschools.com/100-best-science-sites-for-kids/>

<http://kids.niehs.nih.gov/links.htm>

5th Grade General Websites

<http://www.rss.k12.nc.us/eled/Handouts/5Broch.pdf> 5th Grade Brochure
<http://www.ncwiseowl.org/zones/elementary/index.htm> NC Wise Owl for Elementary Students
<http://www.suelebeau.com/kidlinks.htm> Cool Links for Kids
www.abaya.com/fifthgrade
<http://www.rss.k12.nc.us/eled/Handouts/5Broch.pdf> 5th Grade Brochure
<http://www.rss.k12.nc.us/eled/Handouts/NCLBparents.pdf> No Child Left Behind
<http://www.rss.k12.nc.us/2011Cal.html> School Calendar
http://www.rss.k12.nc.us/SFS/documents/october2page_000.pdf Lunch Menus
<http://www.ncwiseowl.org/zones/elementary/index.htm> NC Wise Owl for Elementary Students
<http://www.suelebeau.com/kidlinks.htm> Cool Links for Kids

Resources for Research

http://rss.edgate.com/st_research.html

NC **WiseOwl** has lots of kid-friendly search engines such as **InfoTrac Kids** and **Searchasaurus**

<http://www.ncwiseowl.org/zones/elementary/index.htm>

Citation Maker

<http://elementary.oslis.org/orig-steps/resources/cm/mlacitationse>

Math:

Fractions

- N.C. Aligned Goal 1 Resources <http://www.learnnc.org/scos/2004-MAT/0005/01/>
- Many fraction skills: <http://classroom.jc-schools.net/basic/math-fract.html>
- [Fifth Grade North Carolina Standard Course Of Study Mathematics Vocabulary \(pages 9 & 10\)](http://www.rss.k12.nc.us/eled/Handouts/MathCurrGd/5THMATH0910.pdf)
<http://www.rss.k12.nc.us/eled/Handouts/MathCurrGd/5THMATH0910.pdf>
- [Math Textbook Online: https://www.pearsonsuccessnet.com/snpapp/login/login.jsp](https://www.pearsonsuccessnet.com/snpapp/login/login.jsp)
Username:
Password:

Geometry

Complementary Angles Game: <http://www.321know.com/geo-comp-ang.htm>

Complementary or Supplementary Angles Game <http://www.321know.com/geo-comp-or-sup.htm>

Supplementary Angles Game: <http://www.321know.com/geo-supp-ang.htm>

What's My Angle: <http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html>

Brainpop: Measuring Angles: <http://www.brainpop.com/math/geometryandmeasurement/measuringangles/preview.weml>

Alien Angles: Measuring angles <http://www.mathplayground.com/alienangles.html>

Introducing Angles PowerPoint Presentation: <http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html>

Interactive GeoBoard: <http://www.mathplayground.com/geoboard.html>

Interactive Measuring Angles: <http://www.mathplayground.com/measuringangles.html>

Area and Perimeter PowerPoint and Interactive Game: http://www.mathplayground.com/area_perimeter.html

Origami Geometry: Use geometric terms to follow directions while folding origami structures. <http://www.learnnc.org/lp/pages/3841>

Perimeter and Area Using Interactive Figures:
<http://standards.nctm.org/document/eexamples/chap6/6.3/>

Sorting Polygons: Sort polygons into Venn Diagrams based upon similarities and differences of figures:
<http://illuminations.nctm.org/LessonDetail.aspx?ID=L277>

Geometry In The World of Art: Using art to visualize geometric figures in the environment:
<http://illuminations.nctm.org/LessonDetail.aspx?ID=L558>

Finding real-world examples of geometric figures: http://www.eduplace.com/math/hmm/minv/5/minv_5c15.html

Geometry Websites: <http://math.rice.edu/~lanius/Geom/index.html>

Interactive Geometry Activities:

<http://teams.lacoe.edu/documentation/classrooms/amy/geometry/5-6/5-6.html>

Kid Created PowerPoint Presentations Explaining Geometry:

http://www.mathplayground.com/howto_area_triangle.html

Math Games: Using Pool to Measure Angles:

<http://www.coolmath-games.com/o-poolgeometry/index.html>

Geometry:

Data Picking to Display in Graph

<http://www.bbc.co.uk/education/mathsfile/shockwave/games/datapick.html>

Various Graphs

<http://jmathpage.com/JIMSStatisticspage.html>

Create Graphs with Given Data

<http://www.teach-nology.com/worksheets/math/graph>

Reading / Writing

- High Frequency Word Cards for Fifth Grade: <http://www.rss.k12.nc.us/eled/Handouts/Flashcards/5thFlshCards.pdf>

Social Studies:

American Revolution

- Events and People: <http://www.theamericanrevolution.org/>
- Cause and Effects of the A. R.: <http://www.mrnussbaum.com/arce.htm>
- The Midnight Ride Poem: <http://www.nationalcenter.org/PaulRevere'sRide.html>

