



**Learning Resource Center
Cape Fear Community College
Wilmington, North Carolina**

Selected Geology Resources

Print/Audiovisual Resources:

Earth Science.

Reference QE 28 .E12 2001

Geology of U.S. Parklands.

Reference QE 77 .K59 1999

Sciences of the Earth: An Encyclopedia of Events, People, and Phenomena.

Reference QE 11 .S38 1998

Oxford Companion to the Earth.

Reference QE 5 .O94 2000

Encyclopedia of Paleontology.

Reference QE 703 .E523 1999

How the earth was made.

DVD QE 28.3 .H693 2008

Journals

Journal of Geology. – (Print-Downtown. Also, available Full Text in Academic Search Premier)

Earth. (Formerly called Geotimes)

(Print-Downtown. Also, available in limited content online at <http://www.earthmagazine.org/>)

Rocks and minerals.

(Print-Downtown. Also, available Full Text in Academic Search Premier)

Internet Resources:

General:

United States Geological Survey (USGS) – The mother lode for all things related to Earth.
<http://www.usgs.gov/>

North Carolina Geological Survey – Provides accurate earth sciences information, including mapping, with a focus on North Carolina.
<http://www.geology.enr.state.nc.us/>

Earthquakes:

USGS Earthquake Center -- Keep up-to-date on the most recent earthquakes around the world. Geological Timetables.
<http://earthquake.usgs.gov/eqcenter/>

BGS Geological Timechart – Easy to read chart of geological periods from the British Geological Survey. Includes a printable version.
<http://www.bgs.ac.uk/education/britstrat/home.html>

Tour of Geologic Time – Descriptions of various time periods with information about the stratigraphy, life forms and tectonics of the period.
<http://www.ucmp.berkeley.edu/exhibits/geologictime.php>

Paleontology:

Paleontology Portal: Exploring Time & Space – Paleontology of North America by state or geologic period.
http://www.paleoportal.org/index.php?globalnav=time_space

Mystery fossil – Fossils from the Museum are presented to test your skills at identification.
<http://www.ucmp.berkeley.edu/exhibits/mysteryfossil/mysteryfossil.php>

Plate Tectonics and Volcanoes:

PALEOMAP Project. – Plate tectonics of the last 1100 million years.

<http://www.scotese.com/>

Smithsonian National Museum of Natural History. Global Volcanism Program – Search volcanoes of the world by name, region or eruption date.

<http://www.volcano.si.edu/>

This Dynamic Earth: The Story of Plate Tectonics. – Provides an introduction to plate tectonics and traces the history of the theory.

<http://pubs.usgs.gov/gip/dynamic/dynamic.pdf>

World Map of Volcanoes, Earthquakes, Impact Craters, and Plate Tectonics – Create your own printable map.

<http://mineralsciences.si.edu/tdpmap/index.htm>

Rocks and Minerals:

Atlas of Igneous and Metamorphic Rocks, Minerals and Textures – Cool photomicrographs of rocks from the UNC Geology Dept.

<http://www.geolab.unc.edu/Petunia/IgMetAtlas/mainmenu.html>

Exploring Earth

http://www.classzone.com/books/earth_science/terc/content/investigations/es0610/es0610page01.cfm?chapter_no=investigation

Animated rock identification exercise.

Mineralogy Database – Searchable database which includes chemical composition, origin of the name, photos, synonyms and a range of other information about rocks and minerals.

<http://www.webmineral.com/cgi-bin/search/search.pl>

Virtual Atlas of Opaque and Ore Minerals in their Associations – Contains brief descriptions and color photomicrographs of opaque minerals, which can be accessed by geographic location, mineral, texture and more.

<http://www.smenet.org/opaque-ore/>