

Canadian Fossil Discovery Centre Earth's Crust: Rocks and Minerals Kit Grades 4 – 7

This kit includes material for both resource as well as instruction including supplemental lesson plans to Geology portions of the Manitoba curriculum. You can choose to use the lessons or create your own with the resources available. Please ensure all material in the listed on page 2 is present before beginning and when returning the kit. We also ask that all the items be returned in the same manner they were.

The Canadian Fossil Discovery Centre (CFDC) would like to thank the educators and volunteers who assisted in creating the education kits and its sponsors for financial assistance, Town of Morden, Cultural Capital of Canada and Ledcor Inc.

Each educational kit from the CFDC can be accompanied by an educational program at the museum itself, for further information please contact us at info@discoverfossils.com, 204-822-3406 or on the World Wide Web at www.discoverfossils.com.

EARTH'S CRUST:



ROCKS & MINERALS

Materials and Resources

*Please note that one of each item is included unless other wise indicated.

Books

- Eyewitness: Fossils
- Fossils and footprints
- National Geographic Dinosaurs and Fossils
- Pocket book of fossils

Equipment provided with kit

- Digital microscope
- Dinosaur Hunter CD – Interactive Dinosaur computer game
- Dinosaurs of North America map
- Earth Quest – Interactive CD
- Fossil sample kit
- Mineral hardness kits (5)
- Mineral sample kit
- Mineral test kits (5)
- Rock tumbler
- Rock samples
- Volcano making kit

Lesson Plans

- 1) Rocks and Minerals Exploration (Grade 4)
- 2) Erosion Exploration (Grade 4)
- 3) Plate Tectonics and Volcanoes (Grade 7)

Websites

<http://library.thinkquest.org/J0022891name.html>
<http://geology.com/nsta/>
<http://www.sdnhm.org/kids/minerals/index.html>
<http://www.childrensmuseum.org/geomysteries/faqs.html>
<http://edtech.kennesaw.edu/web/rocks.html>
<http://edtech.kennesaw.edu/web/rocks.html>
http://jersey.uoregon.edu/~mstrick/hydrosphere/Lectures_hydro/Weather_Erosion.html#Erosion
<http://www.waterencyclopedia.com/Tw-Z/Weathering-of-Rocks.html>
<http://scign.jpl.nasa.gov/learn/plate4.htm>
<http://enchantedlearning.com>
<http://www.brainpop.com> (Subscription needed)
<http://sciencespot.net/pages/classearth.html#Anchor-plate>
<http://www.quia.com/jg/262313.html>

http://msteacher.org/msp_redirect.aspx?URL=http://www.classzone.com/books/earth_science/terc/content/visualizations/es0804/es0804page01.cfm?chapter_no=visualization

<http://www.aquatic.uoguelph.ca/habitat.htm>

<http://www.ec.gc.ca/default.asp?lang=En&n=B3E05FF3-1>

<http://www.nationalgeographic.com/xpeditions/lessons/04/gk2/dinosaurs.html>

<http://museum.gov.ns.ca/mnh/nature/nhns/habitats.htm>

<http://designarchives.aiga.org/index.html?s1=2|s2=1|eid=16697>

<http://sciencespot.net/Media/pondindexwkst.pdf>

<http://www.sciencevideos.com/products/life/protozoa.html>

<http://www.c-quest.org/documents/LittlePondSwampTeacher.pdf>

<http://www.mbgnet.net/>

<http://sciencespot.net/Pages/kdzbiopond.html>