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Difficulty key:

- * = elementary
- ** = intermediate
- *** = challenging

Using a Subject Directory*

NSTA Standards (5–8):

A, D

Objectives:

Students will:

- visualize subject directories in terms of an inverted triangle
- discuss where to find subject directories on the Internet
- navigate a subject directory to find information
- use a subject directory to learn about minerals

Suggested Web Site:

<http://www.teachercreated.com/books/3842>

Click page 12, site 1

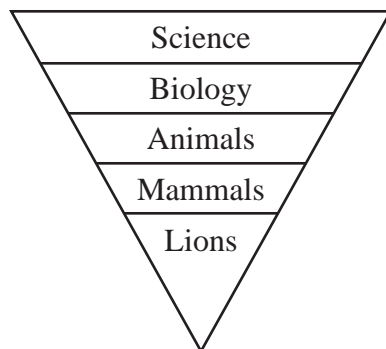
Alternate Web Site(s):

KidsClick! <http://sunsite.berkeley.edu/KidsClick!/>

Pre-Internet Activities:

- Brainstorm a sample subject directory as a class on a science topic of your choice. As students brainstorm, draw the directory path on the board in two ways: in a linear fashion with arrows, and as an inverted triangle. Here is a sample directory path drawn both ways:

Science → Biology → Animals → Mammals → Lions



- Tell students that on certain Web sites there are directories just like the one they brainstormed. These directories help Internet users find Web sites on a general topic such as lions.
- With students gathered around the computer or projection screen, go to the suggested Web site and show them how to click through a directory to find Web sites on a general topic. For example, you might first click Science and Nature, then Physical Sciences, then Energy, then Fossil Fuels to see a list of Web sites on fossil fuels. Click through a few more directories to get a sense of the breadth of the offerings on the Web site.
- Allow students to complete the Rocks and Minerals student activity sheet using the suggested Web site's subject directory. Direct students to also complete the inverted triangle student activity sheet to document the subject directory path they took to find information on rocks and minerals.

Active Earth (cont.)

Name: _____ Date: _____ Period: _____

Directions: Go to <http://www.teachercreated.com/books/3842> and click page 19, site 1. Use the Web site to complete the concept map below. For example, in one of the spaces branching out from the category “Major Geological Events Caused by Moving Plates,” you could write, “volcanoes.”

