

## Earth's Surface Introduction Poster

**Directions:** Use the following resources to create a 1-page poster that illustrates the importance of understanding rocks and minerals. Your poster must include the following:

1. An appropriate title
2. A definition of a rock vs a mineral including (BE SURE THIS IS WRITTEN IN YOUR OWN WORDS! NO COPYING AND PASTING!)
  - a. the 4 characteristics of minerals (p. 43 in the book)
  - b. the 3 characteristics of a rock (p. 75 in the book)
3. A minimum of 10 different examples of rocks and minerals that are in the following format
  - a. Name of the rock/mineral
  - b. What the uses are
  - c. Include specific examples of products that others would recognize
4. An explanation of how rocks and minerals impact the daily lives of humans (BE SURE THIS IS WRITTEN IN YOUR OWN WORDS! NO COPYING AND PASTING!)

**\*Note\* Your work must be NEAT, COLORFUL, EASY TO READ, AND ACCURATE!!!**

### Resources

Mr. Packard's Resources

<https://docs.google.com/folder/d/0B8GP9V2paSIzTDVLMXU1bVJGbmC/edit?usp=sharing>

Minerals in your house

<http://www.mineralogy4kids.org/house.html>

The Learning Zone: Minerals Homepage \*great examples of how minerals are used daily

<http://www.oum.ox.ac.uk/thezone/minerals/index.htm>

Uses of Rocks & Minerals Throughout History (more emphasis on modern-day)

<http://www.rocksforkids.com/RFK/uses.html>

Uses of Rocks & Minerals

<http://library.thinkquest.org/J002289/uses.html>

National Mining Association

<http://www.nma.org/index.php/minerals-publications/40-common-minerals-and-their-uses>

Rocks & Mineral Uses

<http://www.wmich.edu/corekids/Rocks/RockandMineralUses.pdf>

Rocks & Mineral uses and how they impact daily life \*Note\* This website may not be able to be accessed at school, but could be used as a resource from home.

<http://www.rocksandminerals.com/uses.htm>

Fireworks depend on minerals \*Note\* This website may not be able to be accessed at school, but could be used as a resource from home.

<http://www.rocksandminerals.com/fireworks.htm>

Rocks, Minerals, and Your Computer \*Note\* This website may not be able to be accessed at school, but could be used as a resource from home.

<http://www.rocksandminerals.com/recycle.htm>

Why should we study rocks?

[http://ratw.asu.edu/aboutrocks\\_why.html](http://ratw.asu.edu/aboutrocks_why.html)