The Mighty Mineral Project

Minerals are everywhere around us, and each one is very unique! Now that we have had practice identifying them you will research your own Mighty Mineral! You will explore its physical properties, what it looks like, and how it is able to help society.

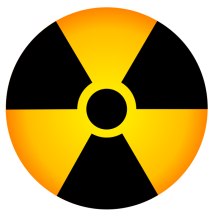
For this project you will need to:

1. Complete a Mighty Mineral information sheet.
   1. You many use a variety of reference sources, such as encyclopedias (book or CD-Rom), science encyclopedias, science catalogs, magazines, and previously approved internet sites. Information sheets must be neat, written in black ink, and contain all the information requested. You also need to provide a list of your sources on the back of you information sheet. A minimum of three sources are required.
2. Create a cartoon for your Mighty Mineral
   1. The advertisement must include the mineral’s name, chemical formula, and a caroon slogan that describes on or more of its important uses. You must also include pictures or a cartoon character that relates to your slogan. Advertisements must be neat and colorful. They may be done by hand or computer printed.











Name \_\_\_\_\_Joe Sanders\_\_\_\_\_\_\_\_\_\_

My Mineral is \_\_\_\_\_Halite\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Chemical Formula: NaCl | Color(s): colorless |
| Mineral Group: halide mineral | Streak: White |
| Hardness:2-2.5 | Luster: Vitreous |
| Specific Gravity: 2.17 | Cleavage: Perfect |
| Diaphaneity: Transparent | Fracture: Conchoidal |

**Sources:**

Works, V. (2012). *Common Minerals and their uses*. Retrieved April 25, 2012, from Mineral Information Institute: http://www.mii.org/commonminerals.html

Friedman, H. (1997). *The Mineral Halite*. Retrieved April 25, 2012, from The Mineral and Gemstone Kingdom: http://www.minerals.net/mineral/halite.aspx

N/A. (2007). *Halite Mineral Data*. Retrieved April 25, 2012, from Mineral News: http://webmineral.com/data/Halite.shtml

**Important Uses:**

1. source of common salt
2. curing of hides, mineral waters,
3. soap manufacture, home water softeners, highway de-icing
4. photography, herbicide, fire extinguishing, nuclear reactors

Objectives for student:

* Know terms such as igneous, luster, halite and other terms and vocabulary discussed in the lectures.
* Know how to properly identify minerals
* Understand how minerals are used in our everyday lives

# Works Cited

Trimpe, T. (2006). *Earth Science Lesson Plans*. Retrieved April 25, 2012, from The Science Spot: http://sciencespot.net/Pages/classearth.html#Anchor-49575

Works, V. (2012). *Common Minerals and their uses*. Retrieved April 25, 2012, from Mineral Information Institute: http://www.mii.org/commonminerals.html