



## Report Requirements

Name: \_\_\_\_\_

My mineral is \_\_\_\_\_.

For this project you will need to:

**1) Complete an Mighty Mineral information sheet.**

You may use a variety of reference sources, such as encyclopedias (book or CD-Rom), science encyclopedias, science catalogs, magazines, and Internet sites\*. Informational sheet 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 your information sheet. A minimum of three sources are required.

**2) Create an cartoon for your element.**

The Topic choice include the mineral's name, chemical formula, and a cartoon slogan that describes one 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.

Reports due on \_\_\_\_\_



A list of mineral sites is available on  
The Science Spot at <http://sciencespot.net/>  
Go to Kid Zone, then choose Earth Science Links.

Topic choices:

1. Advertisement / commercial
2. Super hero
3. Villain
4. Product
5. Service / Business

T. Trimpe 2000

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ PD: \_\_\_\_\_

**TOTAL:**

**Mighty Mineral Rubric EVALUATION SHEET:**

**A. Top section of Evaluation sheet**

0 1      1. Did they have completed the section marked "Your Name

0 1      2. Did they have "My Mineral name is" completed?

**B. Information section on mineral**

0 1      3. Chemical formula

0 1      4. Mineral Group

0 1      5. Hardness

0 1      6. Specific Gravity

0 1      7. Transparency

0 1      8. Color(s)

0 1      9. Streak

0 1      10. Luster

0 1      11. Cleavage

0 1      12. Fracture

**C. SOURCE.**

0 1 2      13. Did they student list 2 sources (1 point per source)

**D. Important USES**

0 1      14. Did the Student list at least ONE important use  
("No important usage" also counts)

**E. OVERALL LOOK (Front side)**

0 1 2      15. NEAT

0 1 2      16. Written in BLACK INK ONLY

[20 pts TOTAL  
Front]

**BACK SIDE: Information section on mineral, Did the Student have the following:**

0 1      17. Mineral Name:

0 1      18. Chemical formula

0 1      19. Cartoon Slogan

0 1      20. Description of at LEAST one important use

0 1 2 3 4 5 6      21. Drawing of Mineral

**F. OVER ALL LOOK on the BACK SIDE**

0 1 2 3 4 5      22. NEAT

0 1 2 3 4 5      23. COLORFUL

\_\_\_\_\_ / 40-point total project

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

PD: \_\_\_\_\_



Name \_\_\_\_\_

My mineral is \_\_\_\_\_.

Chemical Formula:

Color(s):

Mineral Group:

Streak:

Hardness:

Luster:

Specific Gravity:

Cleavage:

Transparency:

Fracture:

Important Uses:

(1)

(2)

(3)

Sources:



***Mighty Minerals Project: List of Common Minerals***

1. <b>Apatite</b>	19. <b>Halite</b>
2. <b>Augite</b>	20. <b>Hematite (iron ore)</b>
3. <b>Azurite</b>	21. <b>Hornblende</b>
4. <b>Barite</b>	22. <b>Limonite</b>
5. <b>Beryl</b>	23. <b>Magnetite</b>
6. <b>Borax</b>	24. <b>Malachite</b>
7. <b>Calcite</b>	25. <b>Mica: (Biotite &amp; Muscovite)</b>
8. <b>Copper</b>	26. <b>Olivine</b>
9. <b>Corundum</b>	27. <b>Pyrite</b>
10. <b>Diamond</b>	28. <b>Quartz</b>
11. <b>Dolomite</b>	29. <b>Rutile</b>
12. <b>Feldspar</b> <small>(Microcline, Plagioclase)</small>	30. <b>Serpentine</b>
13. <b>Fluorite</b>	31. <b>Silver</b>
14. <b>Galena</b>	32. <b>Sphalerite</b>
15. <b>Garnet</b>	33. <b>Sulphur</b>
16. <b>Gold</b>	34. <b>Talc</b>
17. <b>Graphite</b>	35. <b>Topaz</b>
18. <b>Gypsum</b>	36. <b>Zircon</b>