



## Report Requirements

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

My mineral is \_\_\_\_\_ 6

**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**.

T. Trimpe 2000

Topic Choices:

1. Advertisement/Commercial
2. Superhero
3. Villain
4. Product
5. Service/Business

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**

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

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