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**My Mineral Project**

**We have been studying about different characteristics of minerals, how to identify them, and how they make up many of the products we use today. Your job is to learn more about one mineral of your choice, and report your new knowledge to the class. Below is a guideline for the type of Information you can find about your mineral.**

|  |  |
| --- | --- |
| Mineral Name |  |
| Where in the world is your mineral mined? List at least 2 different places. |  |
| How is your mineral mined? (open pit, underground, etc) Explain the process. |  |
| Explain a use for this mineral. (what product is it in, how is it used, etc) |  |
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|  |  |
| --- | --- |
| Chemical Formula |  |
| What elements are in your mineral(look at the formula) |  |
| Element 1-when was it discovered? |  |
| Element 1- name any biological or medicinal uses. |  |
| Element 2-when was it discovered? |  |
| Element 2- name any biological or medicinal uses. |  |
| Element 3-when was it discovered? |  |
| Element 3- name any biological or medicinal uses. |  |

|  |  |
| --- | --- |
| Color of Mineral |  |
| Streak of Mineral |  |
| Hardness of Mineral |  |
| Extra Fact about Mineral |  |

***Procedures:* There are to be no repeat minerals. You must pick a mineral that has not been chosen and receive approval from me before beginning. We will have two days in the LMC to work on the project. If you do not finish, you will have to work on it on your own time. Projects are due Friday, October 3, 2014. You will have to give a brief presentation on your mineral, explaining what you learned to the class.**

***Picture*: You are must have at least one picture of your mineral. It may be color or black and white.**

***Resources*: Please write down your sources (websites, books, etc.) that you used to find this information. You must have at least 3 resources.**

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Where do I start????***

[**www.mii.org**](http://www.mii.org) **– list of minerals to choose from**

**www.usgs.gov**

[**www.minerals.net**](http://www.minerals.net)

***How you will be graded*: Your grade will be based on the following information:**

**Completing the charts on all information needed – 30 points**

**Picture of mineral – 5 points**

**Resources – 5 points**

**Presentation of material – 10 points**

**Presentation should include:**

**1. What is your mineral, where it is found, and uses**

**2. What elements make up the mineral and when they were discovered**

**3. Color, streak and hardness of the mineral**

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