

Name \_\_\_\_\_

Rocks & Minerals Research

Class code \_\_\_\_\_

### Sources:

- Use the following types of sources: books, encyclopedia (print or online), and websites.
- You need to use AT LEAST one book.
- In your research packet, you need to include source information:
  - Book:** book title and author
  - Website:** website address
  - Encyclopedia:** name of encyclopedia
- **Avoid these websites:** yahoo answers, answers.com, Wikipedia.com.
- Some good websites:  
[www.geology.com](http://www.geology.com)   [www.mineralogy4kids.org](http://www.mineralogy4kids.org)

### Research Packet:

- Use your own words when taking notes from your research.
- Include the source information too.
- Your notes **MUST** be completed in this packet before beginning to put together your file folder project.
- If you chose a mineral to research, **MINERAL PROPERTIES CANNOT BE USED AS AN INTERESTING FACT.**
- A file folder will be provided to each student.

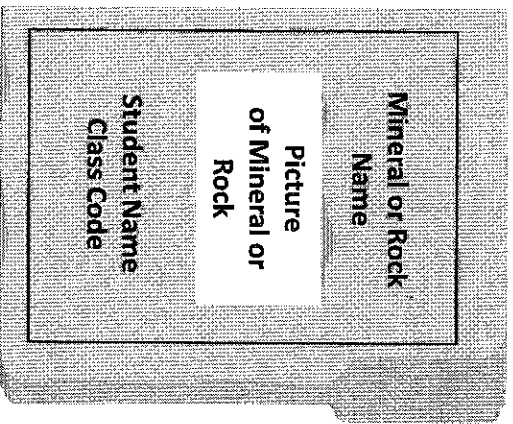
Name \_\_\_\_\_

Due Date: \_\_\_\_\_

## Checklist: Rock or Mineral Research Project

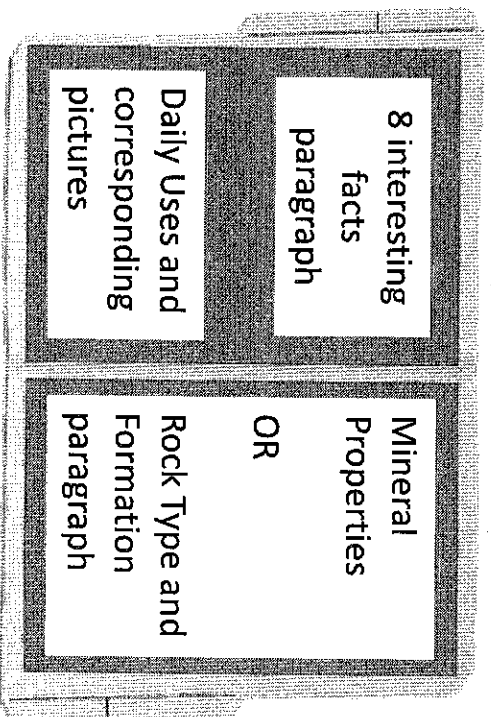
### Front Cover Check List:

- Name of researched rock or mineral
- Picture of rock or mineral
- Student name
- Class code



### Inside Pages Check List:

- Colorful background paper (cut to fit neatly inside your file folder.
- **8 interesting facts** in paragraph form (NO LISTS!)
- **Daily Uses** listed AND at least 2 related pictures
- **Mineral properties:** listed in order according to packet (if researching a mineral).
- **Rock type:** (metamorphic, sedimentary or igneous) and how it is formed in a paragraph (if researching a rock).



### Helpful Hints:

- Include pictures that are relevant to your topic (at least 4 pictures)
- Pictures need to be in color
- Cutting and gluing: Be neat!
- A paragraph is 3-5 sentences.
- Use capitalization, appropriate grammar, and 5<sup>th</sup> gr level content when creating your paragraphs.
- Use your own words.
- Make sure everything is checked off on your to-do lists.
- REMEMBER: Hand in your research packet from class with your file folder project.

Mineral: \_\_\_\_\_

## 8 Interesting Facts about the mineral:

1.
Source:
2.
Source:
3.
Source:
4.
Source:
5.
Source:
6.
Source:
7.
Source:
8.
Source:

## 2 Everyday Uses:

Source:

Source:

Include 2 pictures of the mineral in its everyday uses in your project.

**Mineral Properties:** Select 5 of these properties to include in your file folder project.

color	Source:
luster	Source:
hardness	Source:
cleavage	Source:
streak	Source:
acid reaction	Source:

Name \_\_\_\_\_

Rubric: Rocks &amp; Mineral Project

Class code \_\_\_\_\_

	<b>M</b> Meeting Standards	<b>P</b> Progressing Towards Standards	<b>T</b> Targeted Area of Need
<b>Timeliness</b>	Student turns in project on due date <b>with notes packet.</b>	Student has project ready, but left the notes packet at home.	The project is not ready to turn in by the due date.
<b>Neatness of Project</b>	Information is easy to read and typed.	Information is slightly messy or difficult to read. Some of the information is typed.	Information is very difficult to read and isn't typed.
<b>Notes: Interesting Facts</b>	Your notes contain at least 8 interesting facts along with the source information.	Your notes contain MOST of the required interesting facts along with the source information.	Your notes contain 4 or less interesting facts with very little or no source information.
<b>Notes: Everyday Uses</b>	Your notes contain at least 2 everyday uses along with source information.	Your notes contain 1 everyday use along with source information.	Your notes are missing Everyday Uses and the source information.
<b>Notes: Mineral Properties</b>	Researched at least 5 mineral properties to research.	Researched at least 4 mineral properties.	Researched 3 or fewer mineral properties.
<b>Sources</b>	Used at least 3 different sources; 1 source has to be a book. Provided source information for all the research.	Used 2 or more sources, but no book. Provided source information for most or all the research.	Used less than 2 different sources. Missing source information.

<b>File Folder Project</b>	<ul style="list-style-type: none"> <li>• Colorful</li> <li>• Neat &amp; organized.</li> <li>• Visually appealing.</li> <li>• Provided appropriate required pictures according to the directions or Checklist.</li> </ul>	<ul style="list-style-type: none"> <li>• Some color in your project,</li> <li>• Project looks neat,</li> <li>• Included some pictures on the file folder project.</li> </ul>	<ul style="list-style-type: none"> <li>• Little to no effort in putting together the file folder project.</li> <li>• Missing pictures on the file folder project.</li> </ul>
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### **Tips for Success:**

- Review the checklist during assembling the project and after the file folder project is completed.
- Read the directions.
- Hand in your research packet along with your file folder project on the due date.