

Name _____

Period _____

Geology

Type in this web address: http://flexiblelearning.auckland.ac.nz/rocks_minerals/rocks/trachyte.html

Follow the prompts:

A. Click on Introduction:

1. How do geologists define a rock?

2. List the three classifications of rocks and define each

1. _____

2. _____

3. _____

3. What does the term hand specimen refer to?

4. What does the term petrography mean?

B. Click on Features Tab:

5. What are the four steps to follow to ensure good systematic petrographic description of a rock?

1.

2.

3.

4.

C. Click on Igneous Rock Tab:

6. What are the two major groupings of Igneous rocks and how are each formed?

1.

2.

7. **Click on Granite on the left side of the page:**

Where are two places granite is produced?

What are any three uses of granite?

8. **Click on Basalt on the left side of the page:**

Why when basalt forms can the lava travel a long way?

What are three uses for basalt?

D. Click on Sedimentary Rock Tab

9. Define clastic sedimentary rocks mean?

10. Define non-clastic sedimentary rocks

11. **Click on Limestone on the left side of the page:**

List three ways limestone form:

1.

2.

3.

What three uses for Limestone.

12. **Click on sandstone on the left side of the page:**

What are three ways to further divide sandstone into categories?

1.

2.

3.

E. Click on the Metamorphic Rock Tab

13. What are two distinctive textures of metamorphic rocks and define each:

1.

2.

14. Click on Gneiss on the left side of the page:

1. How is it formed?
2. List two uses of Gneiss:

15. Click on marble on the left side of the page:

1. How is marble formed?
2. List three uses for marble: