

Unit Activities: Rocks

Name:

Block:

Unit Objectives

Use observations and the ESRT to identify rocks.

Recognize how rocks form and how they can change over time.

Understand the relationship between a rock's texture and its environment of formation

Notes

- 1 _____ Igneous Rocks
- 2 _____ Metamorphic Rocks
- 3 _____ Sedimentary Rocks
- 4 _____ Rock Cycle

Base Assignments

(underlined assignments are mandatory)

-----**Assignment 1: Due** / / -----

Choose 3 points

5 _____ Book Work: (3 points) read Igneous Rocks on Pp. 98-113 and complete study guide 5-1/5-2.

6 _____ Web Site Activity: (3 points) go to the Rocks Unit on the class web site and follow the How Do Igneous Rocks Form link. Complete the questions found on the worksheet.

-----**Assignment 2: Due** / / -----

7 _____ Lab: Igneous Rock Identification: (5 points- lab)

-----**Assignment 3: Due** / / -----

8 _____ Book Work: (3 points) read Metamorphic Rocks on Pp. 133-139 and complete study guide 6-3.

-----**Assignment 4: Due** / / -----

9 _____ Lab: Metamorphic Rock Identification: (5 points- lab)

-----**Assignment 5: Due** / / -----

10 _____ Book Work: (3 points) read Types of Sedimentary Rocks on Pp. 128-132 and complete study guide 6-2.

-----**Assignment 6: Due** / / -----

11 _____ Lab: Sedimentary Rock Identification: (5 points- lab)

-----**Assignment 7: Due** / / -----

Choose 3 points

12 _____ Flash Cards: (3 points) create flash cards using the following words- igneous, metamorphic, sedimentary, rocks, minerals, foliation, fossils, crystal, vesicular, banding, clastic . You must include the word and definition on one side and a neat color diagram on the other.

13 _____ Concept Map: (3 points) create a map using the following words- igneous, metamorphic, sedimentary, rocks, minerals, foliation, fossils, crystal, vesicular, banding, clastic. You may do this on a sheet of paper or use the program "Inspiration".

-----**Assignment 8: Due** / / -----

14 _____ Lab: Rock Identification: (3 points- lab)