



8th Grade Science– Week (12-12-16)

TEACHER: JULIE M. MUELLER

GRADE: 8

These are subject to change as each group has to do a 30+ minute presentation. What is on the wipe board each day most accurate.

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	<u>Group 1 Presentations</u> Distinguish between explosive and nonexplosive volcanic eruptions. Identify the features of a volcano. Explain how the composition affects the type of volcanic eruption that will occur. Describe four types of lava and four types of pyroclastic material.	<u>Group 2 Presentations</u> Explain how volcanic eruptions can affect climate. Compare the three types of volcanoes. Compare craters, calderas, and lava plateaus.	<u>Group 3 Presentations</u> Describe the formation and movement of magma. Explain the relationship between volcanoes and plate tectonics. Summarize the methods scientists use to predict volcanic eruptions.	<u>Group 4 Presentations</u> To find information on America's most dangerous volcanoes. Share information on 3-4 of our largest volcanic eruptions since 1776. To explain what role EROS Data Center plays in predicting and/or recording volcanoes on earth or in our solar system.	To provide practice for standardized testing. To introduce Green Screen to the students.

INSTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)	Student groups will teach their peers above objectives.	Student groups will teach their peers above objectives.	Student groups will teach their peers above objectives.	Student groups will teach their peers above objectives.	Students to do STP 9, pages 270-271. Teacher will introduce Green Screen and students will be put into random groups of 2-3 to do a news report on a volcanic eruption.
ASSESSMENT HOW WILL I ASSESS LEARNING	To be assessed per rubric they received at the beginning of the project.	To be assessed per rubric they received at the beginning of the project.	To be assessed per rubric they received at the beginning of the project.	Student groups will teach their peers above objectives.	Students will be given a rubric to follow for Green Screen project.
CLOSURE	Quiz over 9.1 on Tuesday.	Quiz over 9.2 on Wednesday.	Quiz over 9.3 on Thursday.	We will be doing STP tomorrow.	Go over STP on Monday. Will allow work time on Monday/Tuesday for Green Screens.

Upcoming:

Green Screen

Set up lab stations so they practice SLO skills