



8th Grade Science– Week (12-5-16)

TEACHER: JULIE M.
MUELLER

GRADE: 8

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	To learn how to use the S-P Time Method to find the epicenter of an earthquake.	To learn how to use the S-P Time Method to find the epicenter of an earthquake.	<u>Section 9.1</u> Distinguish between nonexplosive and explosive volcanic eruptions. Identify the features of a volcano. Explain how the composition of magma affects the type of volcanic eruption that will occur. Describe four types of lava and four types of pyroclastic material.	<u>Section 9.2</u> Explain how volcanic eruptions can affect climate. Compare the three types of volcanoes. Compare craters, calderas, and lava plateaus. <u>Section 9.3</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>Add on 9.4</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.

INSTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)	Teacher discussion/demo Do Earthquake Waves Worksheet	Use information to complete the finding of 3 different epicenters. Plotting Epicenters Worksheet	Students will do chapter vocab and get the remaining time through Friday to work on their presentations.	Students will do chapter vocab and get the remaining time through Friday to work on their presentations.	Students will do chapter vocab and get the remaining time through Friday to work on their presentations.
ASSESSMENT HOW WILL I ASSESS LEARNING	Worksheet will be handed in for a grade	Worksheets will be handed in for a grade.	Students will be graded on their presentations per the rubric sent to them at the beginning of the project.	Students will be graded on their presentations per the rubric sent to them at the beginning of the project.	Students will be graded on their presentations per the rubric sent to them at the beginning of the project.
CLOSURE	We will continue with the S-P time method work. Students will complete a total of four sets of information.	All S-P Time Method worksheets due on Wednesday.	Sectional quizzes to follow presentation of each section next week.	We will do a green screen project as part of this unit. To be graded separately from rest of presentation.	Group 1s be ready to present on Monday.