

Chapter 13 Volcanoes Test Study Guide: Earth Science, Mr. Traeger

Name: _____

Period: _____

Date: _____

Section	Major Questions to be asked and/or tasked to be measured	Where do I find the information and/or where did we learn this?
13.1	<p><u>Volcanoes and Plate Tectonics</u></p> <ul style="list-style-type: none"> ▪ What is magma and how does it form? ▪ Name and describe the 3 types of places where volcanoes form. ▪ How did the Hawaiian Islands form? ▪ How do volcanoes relate to plate tectonics? 	<ul style="list-style-type: none"> ▪ Section 13.1 Homework ▪ <i>Inside the Volcano</i> video notes ▪ <i>Why Do Some Volcanoes Go Boom?: The Conditions of Volcano Formation</i> notes and viscosity lab ▪ <i>How Volcanoes Work</i> website: http://www.geology.sdsu.edu/how_volcanoes_work/ ▪ Traeger's Online Chapter 13 PowerPoint notes ▪ Google Earth Volcano Tour ▪ Layered Earth program on classroom computers
13.2	<p><u>Volcanic Eruptions</u></p> <ul style="list-style-type: none"> ▪ What are the types of magma? ▪ What do viscosity, silica content, and gas content have to do with the explosiveness of a volcano? ▪ What are the types of lava flows? ▪ What are the ash and rock fragments ejected from a volcano? ▪ What are the characteristics of shield volcanoes, cinder cones, and composite volcanoes? Where does each type form? Relate this to plate tectonics! ▪ What are the major volcanic hazards? ▪ How do calderas form? 	<ul style="list-style-type: none"> ▪ Section 13.2 Homework ▪ <i>Inside the Volcano</i> video notes ▪ <i>Why Do Some Volcanoes Go Boom?: The Conditions of Volcano Formation</i> notes and viscosity lab ▪ <i>How Volcanoes Work</i> website: http://www.geology.sdsu.edu/how_volcanoes_work/ ▪ Traeger's Online Chapter 13 PowerPoint notes ▪ Google Earth Volcano Tour ▪ Layered Earth program on classroom computers