

Name _____ Date _____ Period _____

Chapter 13 AGS Earth Science Self-Study Guide - Forces in the Earth

Date _____ Assignment

Goal 13.1 To describe the structure of the earth

Date _____ Assignment

_____ Video: Annenberg Learner: "Earth Revealed: Birth of a Theory - Plate Tectonics"

_____ Read page 308. Write vocabulary.

_____ Video: Bill Nye - Earth's Crust. Complete video worksheet.

Goal 13.2 To explain the theory of plate tectonics

Date _____ Assignment

_____ Read pages 309-311. Write vocabulary.

_____ Complete the Lesson 13:1 Review on page 312.

_____ Complete Workbook Activity 50: "Movement of the Earth's Crust"

_____ Video: Annenberg Learner: "Earth Revealed: Plate Dynamics"

Goal 13.3 To relate volcanoes to plate tectonics

Date _____ Assignment

_____ Read pages 313-315. Write vocabulary.

_____ Video: Bill Nye - Volcanoes. Complete the video worksheet.

_____ Complete the Lesson 13:2 Review on page 316.

_____ Complete Workbook Activity 51: "Volcanoes"

_____ Video: Annenberg Learner: "Earth Revealed: Volcanism"

Goal 13.4 To explain how mountains and faults form

Date _____ Assignment

_____ Read pages 317-318. Write vocabulary.

_____ Complete the Lesson 13:3 Review on page 319.

_____ Complete Workbook Activity 52: "Mountains"

_____ Complete Investigation 13-1 on pages 320-321. Lab Manual 50 "Making Models of Folding and Faults"

_____ Video: Untamed Science #13 "Diving Toward Divergence"

Goal 13.5 To relate earthquakes to plate tectonics

Date Assignment

_____ Video: Bill Nye - Earthquakes. Complete the video worksheet.

_____ Read pages 322-325. Write vocabulary.

_____ Virtual Lab: ES10 “How Does Magma’s Composition Affect a Volcano’s Eruption?”

_____ Complete the Lesson 13:4 Review on page 326.

_____ Complete Workbook Activity 53: “Earthquakes: Terms Review”

_____ Complete Investigation 13-2 on pages 327-328. Lab Manual 52 “Locate an Earthquake”

_____ Virtual Lab: ES27 “Where Do Most earthquakes and Volcanoes occur?”

_____ Virtual Lab: ES09 “How Do Seismograph Epicenters Help Determine an Earthquake Epicenter?”

_____ Read the Chapter 13 Summary on page 329.

_____ Complete the Chapter 13 Review on pages 330-331.

_____ Turn in vocabulary for Chapter 13 (25 words).