

Chapter 4 – 8 Test Review

Earth Science

4C	
Vocabulary	Things to Know
crust Moho mantle lithosphere core	Diagram of the earth's interior, p. 91 Thickness of the crust Which part of the earth makes up most of its volume? Differences between outer core and inner core What is the core made of

5A	
Vocabulary	Things to Know
stratum geologic column Continental Drift theory magma sea-floor spreading tectonic plates subduction	How do geologists determine the fixed (absolute) age of rock? Nowhere on earth does the geologic column exist. Name two evidences that show that the continents have moved.

6A	
Vocabulary	Things to Know
earthquake stress divergent boundaries convergent boundaries transform boundaries strain	Two ways that rock can relieve stress

6C	
Vocabulary	Things to Know
Seismometer P waves S waves surface waves focus epicenter	Compare the speed and strength of P and S waves Which waves are the most destructive? Where do most earthquakes occur?

6D	
Vocabulary	Things to Know
Richter scale magnitude intensity	How much does an earthquake's energy change with each number on the Richter scale? Factors that affect the earthquake's intensity Name several earthquake hazards Can geologists predict earthquakes?

7A	
Vocabulary	Things to Know
topography mountain elevation actual height mean sea level	Tallest mountain in the world Highest elevation in the world Highest elevation in the US Highest mountain system in the worldq

7B	
Vocabulary	Things to Know
fold mountains anticline syncline monocline graben fault-block mountains plateau basin	

7C	
Vocabulary	Things to Know
erosional mountains mesa butte pinnacle monadnock depositional mountains	Four causes of erosion Three kinds of depositional mountains

8A	
Vocabulary	Things to Know
volcano igneous vent lava crater caldera fumaroles	Difference between magma and lava Why do we find volcanoes near active tectonic zones? Two “belts” where most volcanoes are found
8B	
Vocabulary	Things to Know
shield volcano cinder cone stratovolcano	Name of the volcano in the US that erupted in 1980