

Name _____
Date _____ Period _____

Final Exam Study Guide - 7th Grade First Semester

Earth's Structure

Lesson 1.1 - Introducing Earth

atmosphere - the relatively thin envelope of gases that forms Earth's outermost layer

geosphere - has three main parts: a metal core, a solid middle layer, and a rocky outer layer

hydrosphere - contains all of the Earth's water

biosphere - parts of Earth that contain living organisms

Lesson 1.2 - Earth's Interior

seismic wave - vibrations that travel through Earth carrying the energy released during an earthquake; geologists use seismic waves to learn about the Earth's interior

crust - the layer of rock that forms Earth's outer surface

mantle - the layer of hot, solid material between Earth's crust and core

outer core - a layer of molten iron and nickel that surrounds the inner core of Earth

inner core - a dense sphere of solid iron and nickel at the center of the Earth