

**DISCLAIMER: These topics are meant to help you focus your studying for your first midterm exam. You are still responsible for all the reading that was assigned and for everything discussed in lecture.**

Earth structure and details about the composition and strength of the different layers of the earth

Thickness of the crust of the earth? Oceanic crust? Continental crust?

Differences between oceanic and continental crust

Rock types - where they are found and how they are related (the rock cycle)

Be able to differentiate between a plutonic and volcanic rock

Geologic time (in general)

Types of age dating techniques and specific techniques

Age of the earth and the oldest rocks

Age of the oceanic crust

Pangea and its subsequent break-up

Plate boundary types and specific characteristics (volcanism, earthquakes, and topography) of those boundary types

Type and location of plate boundaries for the North American plate

The Colorado Plateau

Be able to place the National Parks that we've talked about so far in a geologic context

Types of volcanoes and where they form

Subduction zones