

## Chapter 2 – Key Vocab

**Geosphere** – Earth’s entire solid body

**Gravity** – the force that every object exerts on all other objects due to their \_\_\_\_\_

**Density** – the amount of mass in a material per unit of volume  $D=m/V$

**Crust** – the brittle, rocky \_\_\_\_\_ layer of Earth

**Mantle** – the thick, \_\_\_\_\_ layer in the solid part of Earth

**Core** – the dense, metallic \_\_\_\_\_ of Earth

**Lithosphere** – the crust and uppermost mantle that is a \_\_\_\_\_ layer

**Asthenosphere** – the plastic (putty-like) later within the mantle, below the lithosphere

**Upper Mantle** – the mantle below the \_\_\_\_\_

**Lower Mantle** – the densest part of the mantle above the \_\_\_\_\_

**Outer Core** – the \_\_\_\_\_ outer core below the mantle, composed of \_\_\_\_\_ and some \_\_\_\_\_

**Inner Core** – the \_\_\_\_\_ center of the Earth composed of iron and some nickel

**Magnetosphere** – the outer part of the magnetic field of Earth that interacts with charged particles from space

**Landform** – topographic features formed by processes that shape Earth’s surface

**Relief** – differences in \_\_\_\_\_ within a given area

**Elevation** – the height above \_\_\_\_\_ for a given area

**Topography** – the shape of a geographical area

**Plain** – landforms with \_\_\_\_\_ relief and \_\_\_\_\_ elevation

**Plateau** – areas with \_\_\_\_\_ relief and \_\_\_\_\_ elevation

**Mountain** – landforms with \_\_\_\_\_ relief and \_\_\_\_\_ elevation

## Chapter 2 – Earth’s Structure

(pages 38-65)

### Classwork in ISN

[ ] Real Life Examples (RLE) for all terms

[ ] Density diagram

[ ] Density triangle notes

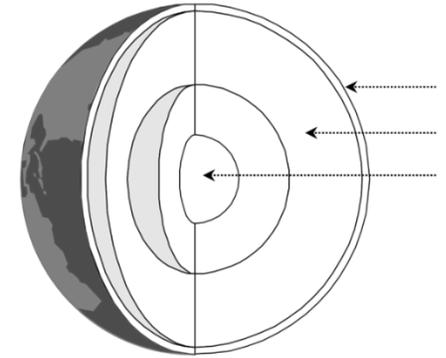
[ ] Density lab data table

[ ] Earth’s Systems:  
Atmosphere, Geosphere, Biosphere, Cryosphere, Hydrosphere

[ ] Gravity notes

[ ] Earth’s layers diagram labeled

[ ] Landforms diagram labeled



### OYOT (On Your Own Time)

OYOT should be...

-completed on a **separate piece of paper**

-answered in **complete, rephrased sentences**

-be finished and turned in on the day of the test, \_\_\_\_\_

**2.1** As the young Earth became spherical, do you think it grew larger or smaller? Explain your answer.

**2.2** Why can’t we dig into the center of the Earth?

**2.3** Identify and compare the two types of crust: name at least one similarity and two differences between them.

**2.4** How does Earth’s magnetic field protect living organisms on the surface?

**2.5** Describe two different landforms you can find in or near the Klamath Basin and where they are found.

**2.6** What are two causes of changes to landforms?