

Layers & Heat Transfer Study Guide

To Know:

C.14 Identifies and describes the layers of Earth

- 1) **Vocab:**
 - a. Crust (oceanic & continental)
 - b. Lithosphere
 - c. Asthenosphere
 - d. Lower mantle
 - e. Outer Core
 - f. Inner core
- 2) Know the state of matter of each layer and why
- 3) Know the 3 trends that occur as you go deeper into Earth
- 4) Understand how the layers were formed when the Earth was first formed

C.15 Understands and identifies three forms of heat transfer

- 1) **Vocab:**
 - a. Heat transfer
 - b. Radiation
 - c. Conduction
 - d. Convection
- 2) Understand how heat moves
- 3) Identify the different types of heat transfer and give examples of each

C.16 Explains convection currents in the Earth

- 1) Understand the process of convection in the mantle, including the heat source, and how and why the layer moves

To Do:

- Vocab Game ([Link #11 website](#))
- Layers & Heat Transfer Practice Quiz - ([Link #10 website](#))

C.14 Identifies and describes the layers of Earth

- 1) Layers Practice Quiz - ([Link #3 website](#))
- 2) Reading pgs 6-13 ([textbook](#))
- 3) Files 1, 4, & 6 ([Notability](#))
- 4) Your [Explain everything](#) about your "Journey to the Center of Earth"

C.15 Understands and identifies three forms of heat transfer

- 1) Read pages 14-17 ([textbook](#))
- 2) Files 4, 5, 6, & 7 ([Notability](#))

C.16 Explains convection currents in the Earth

- 1) Read pages 14-17 ([textbook](#))
- 2) Files 4, 5, 6, & 7 ([Notability](#))