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***Study Guide for Earth’s Layers Quiz***

**Goal MS-ESS2-1: I can develop a model to describe the cycling of Earth’s materials and the flow of energy that drives this process.**

Check your drawing of Earth’s layers and your flip book in your science journal. Be able to pick out the crust, mantle, lithosphere, asthenosphere, inner core, outer core, and convection cells.

1. What is the core made of?
2. What is the difference between the inner core and the outer core?
3. What happens to the temperature of the Earth as you travel from the crust to the core?
4. Put the layers of Earth in order from the coolest to the warmest.
5. Where does the heat contained in Earth’s inner core come from?
6. What are the two types of lithospheric plates?
7. What do we call the rising and falling of heat within the Earth’s mantle?
8. ON THE BACK OF THIS PAPER. Draw and label the crust, mantle, lithosphere, asthenosphere, inner core, and outer core. Include arrows showing the rising and falling of heat within the mantle.