

Chapter 1.1 Earth's Interior

Chapter Questions

Assignment: In your class notebook, answer the questions at the end of the chapter section on page 13. Don't forget to include a title, date, page #, and include this activity in your Table of Contents. Write each question in your notebook, and answer in complete sentences.

1a. (Explaining) Why is it difficult to determine Earth's inner structure?

1b. (Inferring) How are seismic waves used to provide evidence about Earth's interior?

2a. (Listing) List Earth's three main layers.

2b. (Comparing and Contrasting) What is the difference between the lithosphere and the asthenosphere? In which layer is each located?

2c. (Classifying) Classify each of the following layers as liquid, solid, or solid but able to flow slowly: lithosphere, asthenosphere, lower mantle, outer core, inner core.