

## Earth's Composition Jigsaw Activity

**Directions:** As we continue to look at the natural processes at work on Earth we will shift our focus from the atmosphere to the interior of the Earth. In your groups using your *Inside Earth* textbook you will complete an activity called a jigsaw. Each group member will read a different section of chapter 1 and then present the important information to the rest of their group. Use the table below to take notes which you will share with your group.

Assignment	Student Assigned
1. How do scientists study the Earth's interior, pg. 6-8	
2. Temperature, Pressure, & the Earth's Crust, pg. 9-10	
3. The Earth's Mantle, pg. 11	
4. The Earth's Core, pg. 12-13	

### Homework Due Friday 02/26

**Directions:**

1. Read pg. 6-13
2. In the vocabulary section of your INB start a new page labeled Earth's Structure.
3. Match the following vocabulary words with their appropriate meanings and record them in your INB under this new page.

**Vocabulary Words:**

**Scrambled Definitions:**

Seismic Waves	Results from a force pressing on an area. Increases as you go deeper into the earth.
Pressure	A layer of molten metal found inside the earth.
Crust	Composed of the outermost part of the mantle combined with the earth crust.
Mantle	A weak or soft layer of the mantle which can bend but is still a solid.
Lithosphere	Vibrations that travel through the earth. Scientists use these to study the earth's structure.
Asthenosphere	A layer of hot rock nearly 3,000 kilometers thick found within the earth.
Outer Core	A dense ball of solid metal under extreme pressure found at the center of the earth.
Inner Core	A layer of rock that forms the Earth's outer skin. This layer contains both dry land and ocean floor.

## Section

## Important Information

<p>How do scientists study the Earth's interior? pg. 6-8</p>	
<p>Temperature, Pressure, &amp; the Earth's Crust pg. 9-10</p>	
<p>The Earth's Mantle pg. 11</p>	
<p>The Earth's Core pg. 12-13</p>	

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