

## Inside the Earth Note-Catcher

Please use the video: Inside the Earth for web site, "Inside the Earth class" text book or web page digital link, the internet or any other additional readings provided in class to locate the following information.

### Continental Crust

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_

Two additional facts about the layer:

1) \_\_\_\_\_

2) \_\_\_\_\_

### Oceanic Crust

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_

Two additional facts about the layer:

1) \_\_\_\_\_

2) \_\_\_\_\_

### Mantle

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_

Two additional facts about the layer:

1) \_\_\_\_\_

2) \_\_\_\_\_

### Outer Core

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_

Two additional facts about the layer:

1) \_\_\_\_\_

2) \_\_\_\_\_

### Inner Core

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_

Two additional facts about the layer:

1) \_\_\_\_\_

2) \_\_\_\_\_

**Lithosphere**

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_  
\_\_\_\_\_

Two additional facts about the layer:

- 1) \_\_\_\_\_  
\_\_\_\_\_
- 2) \_\_\_\_\_  
\_\_\_\_\_

**Asthenosphere**

Temperature: \_\_\_\_\_ Density: \_\_\_\_\_ Thickness: \_\_\_\_\_ State of Matter: \_\_\_\_\_

Description of the Layer: \_\_\_\_\_  
\_\_\_\_\_

Two additional facts about the layer:

- 1) \_\_\_\_\_  
\_\_\_\_\_
- 2) \_\_\_\_\_  
\_\_\_\_\_

**What do you think?**

Why does the surface of the Earth change as result of what is inside the earth?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What layer do you think is the most important? Support with reasoning.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_