

## Planet Earth Vocabulary

### Overview

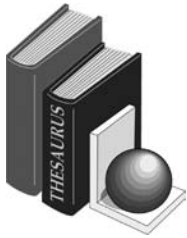
Learning vocabulary is an essential step in understanding a concept. This lesson reviews vocabulary associated with Unit 2: “Planet Earth.”

### Objectives:

The student will be able to match the following terms to their definitions: crust, mantle, outer core, inner core, asthenosphere, lithosphere, convection, density, and element.

### Materials:

- *Ola Ka Honua: Volcanoes Alive* interactive DVD
- Student Worksheet: “Planet Earth Vocabulary”



### Activity Procedure:

Distribute the Student Worksheet: “Planet Earth Vocabulary” and ask students to complete it by writing the correct word (from the word bank) in the blank before each definition. Allow students to review the *Ola Ka Honua: Volcanoes Alive* interactive DVD to find the terms and their definitions.

### Answers to Student Worksheet:

1. f) density
2. h) convection
3. b) crust
4. a) iron
5. c) nickel
6. d) mantle
7. i) inner core
8. e) aluminum
9. g) outer core

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**Directions:** Complete this worksheet by writing the correct word from the word bank in the blank before each definition.

### WORD BANK

- |               |               |               |
|---------------|---------------|---------------|
| a) iron       | b) crust      | c) nickel     |
| d) mantle     | e) aluminum   | f) density    |
| g) outer core | h) convection | i) inner core |

- \_\_\_\_\_ Mass  $\div$  Volume = \_\_\_\_\_
- \_\_\_\_\_ Current created by the movement of material caused by differences in temperatures.
- \_\_\_\_\_ The thinnest, outermost layer of Earth.
- \_\_\_\_\_ An element found in all of Earth's layers. It is magnetic and has high density.
- \_\_\_\_\_ An element found in Earth's outer & inner core.
- \_\_\_\_\_ The thickest layer of Earth, found between the crust and the outer core.
- \_\_\_\_\_ A solid inner layer that has been so compressed, it has great density.
- \_\_\_\_\_ An element found in Earth's crust. It has low density and is used in soda cans.
- \_\_\_\_\_ The layer of Earth containing hot, molten (or liquid) rock.