

## What Is Air?

**Main Idea** The Earth is surrounded by a layer of air that is made up of different gases. These gases are important to Earth's living things.

**Fill in the blanks with words from the box below.**

greenhouse effect      weather      atmosphere  
air pressure      carbon dioxide

1. A colorless, odorless gas that helps hold heat close to Earth is \_\_\_\_\_ . (page D7)
2. The layer of gases around Earth is its \_\_\_\_\_ .  
(page D8)
3. The weight of air as it presses down is \_\_\_\_\_ .  
(page D8)
4. The conditions of the atmosphere at a certain place and time is \_\_\_\_\_ . (page D9)
5. The \_\_\_\_\_ is the process by which heat from the Sun builds up near Earth's surface and is trapped there by the atmosphere. (page D10)

**Write *true* if the statement is true and *false* if the statement is false.**

- \_\_\_\_\_ 6. Earth's atmosphere holds in heat and protects living things from harmful rays given off by the Moon. (page D8)
- \_\_\_\_\_ 7. Air pressure on a mountaintop is lower than air pressure at the mountain's base. (page D8)

**Study Guide**

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**Use with pages D6–D11**