

Unit 4 Handout 113

Lesson 4: Investigating How Warm and Cool Air Move

Purpose: Investigate the effect of surface temperature on the temperature of air above the surface and its resulting movement.

Guiding Questions: How do surface temperatures on the earth affect the temperature of the air above it and the way air moves?

Directions. Read the procedure on pages 64-67. Then, answer the following questions about the procedure.

- 1. How do you think air will move above a hot surface?

- 2. How do you think air will move above a cold surface?

Directions. In the diagram below, show how the air moves in each container. You will need to indicate which is ice and which is hot water. Also, write one sentence that describes what happens.

