INSULATION TESTING PROCEDURES

Constructing the home

1. Put a lid on one 1/4-L container. This represents the home’s interior.

2. Place the home interior inside a 1/2 L container. This represents the home’s exterior. Turn the system upside down so the lid is the bottom “floor.”

3. Insulate between the walls and inside the “attic” of your home.

Testing the home

1. Place the thermometer through the slit with the bulb end inside the home and facing upwards.

2. Place the home outside when your teacher instructs you. The home must sit undisturbed for 6 minutes.

3. After 6 minutes, read and record the final temperature.