

Name: _____
 Mr. Willis
 Conceptual Physics: _____
 Date: _____

Unit VI
 Thermal Energy and Heat
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VI

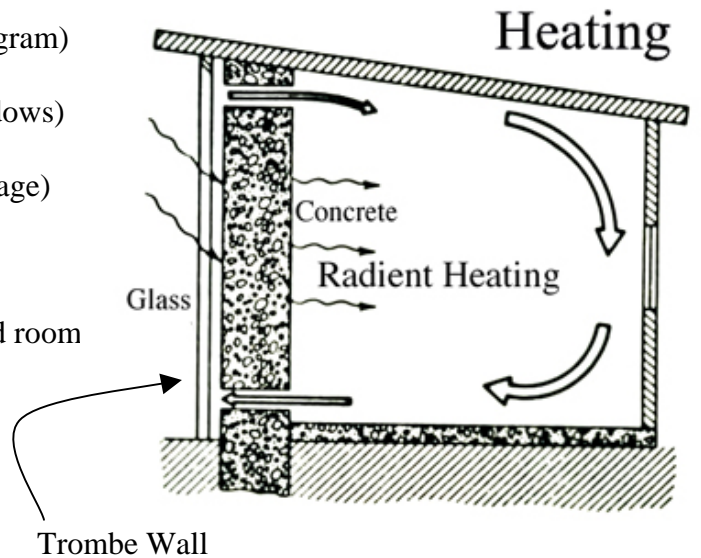
Green Architecture

Objective: To be able to suggest ways to save energy from being lost.

A. Identifying Strategies

Directions: Identify the following as being either radiation, convection or conduction.

- _____ Roof-top solar collector
- _____ Build a Trombe wall (see diagram)
- _____ Passive solar (SE facing windows)
- _____ Caulk windows (stop air leakage)
- _____ Create a dead air space
 - a. closed-in porch
 - b. make a foyer or mud room
- _____ Insulate the sole plate
- _____ Insulate the attic
- _____ Insulate the walls
- _____ Use insulated doors



B. Implementing Strategies

Directions: On the back of this sheet identify how all of the strategies can be implemented by altering the drawing. (For example: draw insulation added to the walls, etc.)

