

# HOME/SCHOOL CONNECTION

## Investigation 4: Seasons and Climate

On very hot days or very cold days, your home energy usage can increase as you use the air conditioner or heater. Unfortunately, this can be very expensive. To add to this, many homes are not built to be very energy efficient. Often times the energy we use to heat or cool our homes also heats or cools the area around our homes. This is because the house is not designed to ensure that the heating or cooling is contained.

Research ways you could make a room in a house or your school more energy efficient. A good place to start is by going to the website for your local utility company and searching “energy efficiency”.

Make a model of a house (or another building such as your school) and detail places and ways you could help keep energy costs down and be more energy efficient. An example of how to make a cut-away drawing is provided below. You can use the back of this page or your science notebook to write down your ideas.

