Name: _____ Class: _____ Date: _____

My everyday energy demand

Electric power

1. Think about the devices you use every day that need electricity and write them in the table. (Some examples are already given.)
2. Then do some research to find out how much power each device requires per day in kWh. The requirement is indicated on most electronic devices. Fill in the table.

Consumer	Daily operation in h	Consumption in kWh
Incandescent lamp(s) / energy-saving bulb(s)		
Hot water		
Computer/laptop/notebook		
Mobile phone / smartphone (charger)		
Television		
Game console		
Stereo system		

Now calculate your daily power consumption. Research the current electricity price or ask your parents. How expensive is your personal power demand in a year? How could you reduce these costs?

Name: _____ Class: _____ Date: _____

Heating

1. Find out how high the annual heating costs are at home. Think about how much of these costs you are responsible for. Here are some questions you should ask:

   - How large is your room and your living space?
   - How long does the heat run in your room?
   - How much time do you spend in other rooms that are heated?

2. Divide the annual heating costs by the number of people who live in your home. Compare this value with the costs from the first task. Do the values differ greatly? Why might that be?

3. How could you reduce the heating costs? Formulate your results as a checklist that could then be used in everyday life.