

## Energy Worksheets



### 1. SURVEY

Take the Home Energy Use Survey to your house, and hang it where everyone can see it. Over the course of one day on a weekend, complete the survey. "Type of Energy" includes such things as electricity, gas, oil, coal and wood.

Bring in your family's most recent heating and electricity bills.

- a) What is the total for your family's: electricity bill? \_\_\_\_\_  
other energy (gas/oil/coal) bill? \_\_\_\_\_
- b) Calculate the group's average for the: electricity bill? \_\_\_\_\_  
other energy (gas/oil/coal) bill? \_\_\_\_\_

### 2. QUESTIONS

- a) What things in your house use energy all the time? \_\_\_\_\_  
b) Are they necessary? Why or why not? What things were not necessary and why? Discuss this with your group. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- c) How many hours of electricity is your family using in one day? Go to the **Tree of Life posters** and find out how much energy the average Canadian uses in one year. Why do you think Canadians use more energy than people in other countries? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- d) How many hours of electricity does your group and their families use every day? \_\_\_\_\_
- e) In the chart on the next page, which things could you replace with something that uses less or no energy? For example, a vacuum cleaner could be replaced by a broom for floors with no carpet. A broom wouldn't use any energy (except human!) and sweeping would take the same amount of time.