



# Energy sources

For each category, identify possible energy sources and answer the questions that follow.

Space heating	Water heating
Appliances/lighting	Transportation

If you could choose an energy source, what would you choose for each of the following and why:

Space heating:

Water heating:

Appliances/lighting:

Transportation:



# Energy footprint and our choices

The energy we use every day comes from the earth and the choices we make have an impact on the land, water and natural resources. This impact can be measured and calculated as our “energy footprint.”

Your energy footprint includes the energy used in your home for heating, cooking and washing, etc. It also includes the energy used for transportation, manufacturing and waste management. We use energy directly when we turn up the heat or turn on a light; and indirectly when we purchase products that have used energy in their manufacturing and transportation.

We make choices every day that affect our energy use including energy conservation behaviours and the use of energy-efficient products.

**Energy conservation** means using less energy. Examples include: putting on a sweater, turning down the heat, turning off computers, unplugging devices, turning off lights, carpooling and walking or biking to school. Energy conservation focuses on behaviours and choices we make.

**Energy efficiency** means using the least amount of energy possible to do the job. Energy-efficient appliances, good insulation, LEDs and low-flow shower heads are examples of innovations and technologies that help us use energy more efficiently. Energy efficiency helps reduce overall energy use and greenhouse gas emissions.

Notes:

