

## Heat flow

### 1. Complete the sentences about heat.

*electricity    natural    Sun    thermal    water*

- a. Heat is \_\_\_\_\_ energy.
- b. Some heat sources are \_\_\_\_\_, such as the Sun or fire.
- c. The \_\_\_\_\_ is our most important source of heat on Earth.
- d. We can produce heat using \_\_\_\_\_, natural gas or coal.
- e. We use heat in many ways: for example, to heat \_\_\_\_\_ and cook food.

### 2. Read about heat and choose the correct words.

- a. Heat is the transfer of **chemical** / **thermal** energy from one object to another.
- b. Thermal energy usually travels from an object with a **lower** / **higher** temperature to an object with a **lower** / **higher** temperature.
- c. Thermal **conductors** / **insulators** transmit heat very well.
- d. **Metals** / **Plastics** are good conductors.
- e. Thermal insulators **transmit** / **do not transmit** heat well.
- f. Plastics, wood and air are **conductors** / **insulators**.

