



## Is it hot?

### Background knowledge

Thermometers are used to measure how hot things are. The hotness of an object is called its temperature. Many thermometers measure temperature in units called Celsius. Scientists use Celsius thermometers. The temperature of an object is written in degrees Celsius using the symbol °C. Water freezes at 0°C and boils at 100°C. Your body's normal temperature is 37°C.

### Science activity

Write the correct temperatures underneath each thermometer.



1. The temperature is \_\_\_\_\_ °C.



2. The temperature is \_\_\_\_\_ °C.



3. The temperature is \_\_\_\_\_ °C.



4. The temperature is \_\_\_\_\_ °C.

Which thermometer shows the temperature at which water freezes? \_\_\_\_\_

Which thermometer shows the temperature at which water boils? \_\_\_\_\_

### Science investigation

Use a Celsius thermometer to take the temperature of the different rooms in your home. Take the temperature in the same room in different places. Does the temperature vary? Organise your information in a data table. What can you conclude about the temperature in your home?