

How hot is water from a tap, river or swimming pool?

Scientists use thermometers to measure temperature.

You will need

- safety glasses
- thermometer that reads 1 – 110°C
- 250 mL beaker
- hot and cold water from different places
- cup of tea or coffee

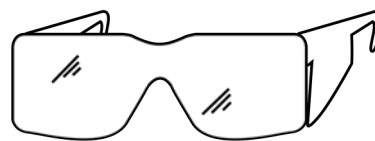
Safety

Wear safety glasses when using liquids.

Take care when using hot liquids!

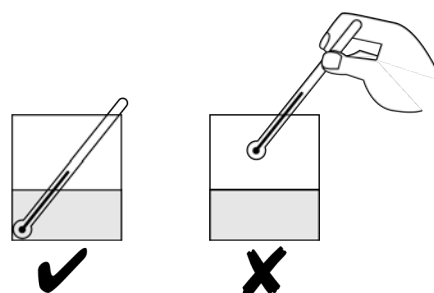
What to do

1. Put 150 mL of cold tap water in the beaker.
2. Predict its temperature and write it in the table.
3. Measure the temperature using a thermometer, and write it in the table.
4. Predict, then measure and write the temperature of each of these test solutions.
 - washing-up water
 - cup of tea or coffee
 - water from a fridge
 - water from the hot tap
 - water from a pond or pool



Tech tip

Make sure the thermometer stays in the liquid.



Always make sure that your eye is level with the thread in the thermometer.

