

1. Have a go at this game showing what temperature materials start to melt. Which material will melt the easiest and turn into a liquid?

<https://www.sciencekids.co.nz/gamesactivities/meltingpoints.html>

(Science Kids website- Melting Point game)

2. Now play the game again and record the materials and the temperatures the materials change state in your book.

Temperature is measured in degrees celsius °C using a thermometer.

You may have explored some of these changes of state at home already and worked out where my lolly went.

3. Watch the film in the year 4 folder about solids, liquids and gases and how materials change state. During the film you will have the chance to make a guess at what temperature each of the materials change state (heat, cool, melt or freeze).

4. Using the activity sheet 'Melting Points' in the year 4 folder see if you can add any more materials to your melting points list. Have a go before looking at the answers!

TASK:

Use the game, the film and the melting points activity in the year 4 folder to record:

- the materials you see in the game, the film and the melting points activity
- which state they start at
- what temperature they change state at
- what state they change to

For example-

