

Ice Growing Experiment

Equipment:

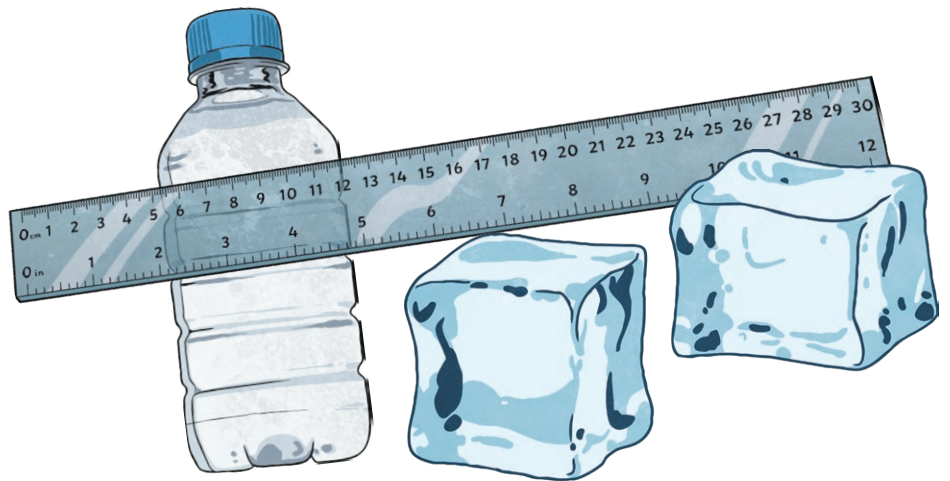
Bottles of water

Ice cubes

Empty water tray

Recording sheet

Ruler



Method:

1. Place your bottles of water in the freezer for approximately two hours and 45 minutes. The water should still be liquid but extremely cold.
2. Place two or three ice cubes into your water tray, in a pile.
3. Begin slowly pouring water from one of the bottles onto the ice cubes.
4. You should notice that the water turns straight to ice and 'grows' out of the ice cubes.
5. If your water does not turn straight to ice, put the bottle back in the freezer for 15 minutes and try again.
6. Once you have grown your ice, measure the height of it before it starts to melt.
7. Record your observations on the recording sheet.

Challenge:

Can you make coloured ice by adding food colouring to the water?

