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Activity 5B Make Your Own Slushies!



Skills:

Do practical work safely, learn to identify risks and explain how to be safe during practical work

Materials:

Fruit juice
Small resealable plastic bag
Large resealable plastic bag
Ice cubes
Salt
Teaspoon
Towel

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Method

- 1 Pour the fruit juice into a clean, small plastic bag. Seal the bag completely to make sure no liquid spills out.
- 2 Put the bag of juice into a large plastic bag.
- 3 Fill the large plastic bag with some ice cubes. Add three teaspoonfuls of salt.
- 4 Seal the bag. Shake it for five to ten minutes.
- 5 Take the bag of juice out of the large plastic bag. What has happened to the fruit juice?

The fruit juice has solidified.



The bag can become very cold. What can you do to handle the bag safely?



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6 What has happened to the movement of the particles as the fruit juice cools down?

The particles moved slower and closer together.

7 Draw a model of the particles in each of the plastic bags below. Label your drawing.

