



## “I’m melting!”

### Background knowledge

In *The Wizard of Oz*, the Wicked Witch of the West thinks she is melting, but in fact she dissolves. *Dissolving* is when a solid is added to a liquid and seems to disappear. *Melting* is when the same material changes from a solid to a liquid. Ice can melt. When it melts it turns into liquid water, but it is still water. It still has all of the properties of water. When something begins to melt, it feels soft. This is because the particles that make up the material are spreading out.

### Science activity

Use the words below to fill in the sentences.

**Dissolved**

**Melted**

The chocolate felt mushy. It \_\_\_\_\_.

The sugar seemed to disappear in the water. It \_\_\_\_\_.

The salt and water mixed together. They \_\_\_\_\_.

The popsicle got slushy. It \_\_\_\_\_.



### Science investigation

① Take extra care - ask an adult to supervise you.

Design and conduct an experiment to see if an ice cube melts faster in hot water or in cold water. Try the same experiment with a piece of chocolate.