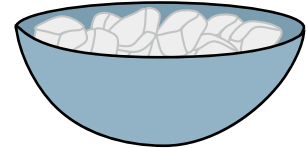


To set up the ice challenge you will need:

- Objects – these can be anything from flowers to dinosaurs
- Food bags/containers – to add water to make ice
- Water
- A freezer!



Tell the children that the objects have been trapped in the ice!
Their challenge is to get the objects out without smashing the ice

Questions to use to prompt thinking...

What is ice?

How is ice made?

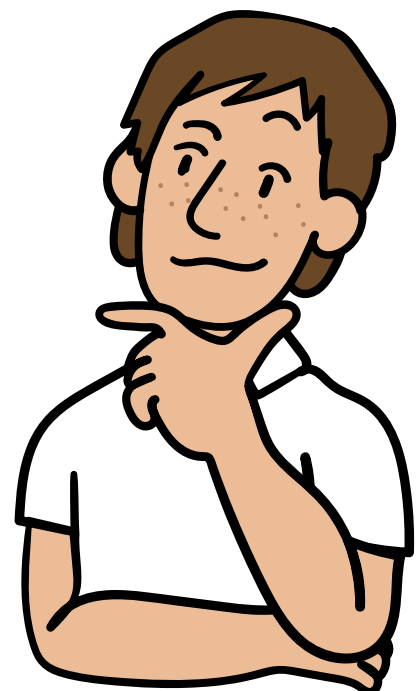
What makes ice change state?

What is the fastest way
to melt the ice?

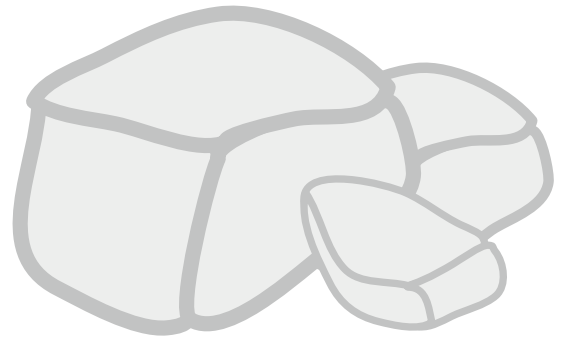
What is a reversible change?

What conditions make ice melt?

How can we get the object out
of the ice without smashing it?



Ice Challenge



How can we get the object out of the ice without smashing it?

Key Vocabulary

ice	melt	water	change
state	reversible	irreversible	conditions

What do you know about ice?

My Plan

How I will get the object out without smashing the ice.
