

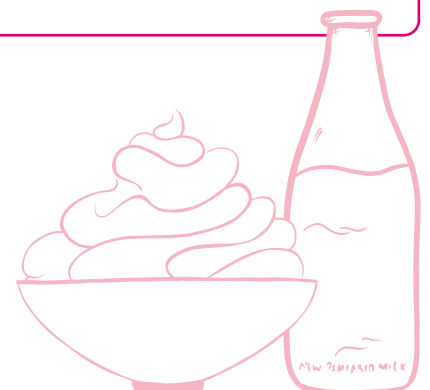
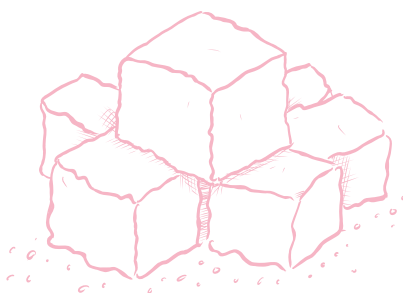
### Explore ingredient choices and how they change your ice cream

Using your challenge knowledge, work out the magic ingredients that will make your final ice cream yum!

#### Observe

What level of sugar, fat, water and air do these ingredients have?

Ingredient	Sugar	Fat	Water	Air	How it freezes
Pick from these words:	None Low Medium High	None Low Medium High	None Low Medium High	None Low Medium High	Soft Hard
Milk					
Unwhipped cream					
Whipped cream					
Sugar					
Sweetened condensed milk					



## Think

Complete the sentences.

Cream has more

than milk. This makes ice cream icy/creamy (circle one).

Whipped cream has more

than unwhipped cream. This makes ice cream

scoopable/hard (circle one).

Sweetened condensed milk has medium fat, high

and low

This makes ice cream: (tick all the answers you think fit)

- Scoopable     Hard     Creamy     Icy

## Reflect

Which ingredients will perform the best to help you achieve your challenge goals?

Why do you think this?

**The science:** Sweetened condensed milk has low water content, medium fat and high sugar, which helps make ice cream creamy and scoopable.