

Activity 6.1: Your ultimate ice cream



Calling all food scientists!
Are you ready to harness
your sweet STEM skills to
create the ultimate ice cream?

**Have you got what it
takes to create a creamy,
scoopable, yum ice cream?**
Let's chill and find out!

Using your ultimate ice cream plan from
Activity 5.3, whip up a batch of unique
ice cream for the final taste test.

You'll need:

- Cold plate OR ice cream in a bag resources
- Ice cubes
- Salt
- Electric beater, whisk or big spoon
- Bowl
- Measuring cups
- Measuring spoons
- Timer
- Your chosen ice cream ingredients

Mix it up!

Step 1

Put all your ice cream ingredients
into a bowl. If you're using
whipped cream, make sure it's
whipped before you start.



Step 2

Carefully mix the ingredients
together with an electric beater,
whisk or spoon. If you're using
flavour drops, add these now!



Step 3

Follow the ice cream in a bag
or cold plate instructions to
freeze your ice cream.



Step 4

Once your ice
cream has frozen,
mix in any add-ins.



Step 5

Scoop the ice cream into a bowl.
Then line up each bowl in a row
for the final taste test!



Goal	What to look for
Creamy	Is it icy or smooth?
Scoopable	Is it hard or light and airy?
Yum	Does it taste good? Do the flavours go well together?

Yuck to yum scale

Rōpū name	Ice cream flavour	Goal	Yuck	Meh	Yum	Comments
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Creamy	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Scoopable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
		Yum	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	

The best ice cream is:

This ice cream is the best because:

Conclusion

Food scientists, you've done lots of experiments, learned scoops of new things, and created some incredible ice cream. Now you can use this information to answer the challenge pātai.

I wonder what makes ice cream yum?

Did you meet your challenge goals? Why/why not?

Was your ultimate ice cream yum? Why/why not?