



Wonder
Project

Ice Cream Challenge

Activity 4.1: Smell test

**Think your nose knows its flavours?
Bring on the smell test.**

Smell and taste work together to tell your brain about flavours in food. But does your nose have what it takes to unlock flavours on its own?

Using only your sense of smell, see if you can identify a range of flavours that your kaiako has prepared for you.

You'll need:

- 8 x flavour drops
- 8 x small cups with lids (per class)
- Cotton balls
- Labels or masking tape
- Pen and paper

Step 1

Your kaiako will prepare the smell stations by:

- Numbering each cup and placing a cotton ball inside.
- Adding one drop of a different flavour to the cotton ball in each cup.
- Writing down which flavour goes with which number.
- Placing the cups around the room.

Step 2

Write the numbers 1–8 on your paper.

Step 3

In your rōpū, go to one of the flavour stations.

Step 4

One by one, smell the flavour inside the cup.

Step 5

Have a kōrero in your rōpū on what you think the flavour is.

Step 6

Write your flavour guess next to the number that matches the number on the cup.

Step 7

When your kaiako says you can move, go to the next cup. Keep going until you've smelled each cup.

Step 8

Check the answers against your guesses to see whether you have a super sense of smell.



Odour observations

Which flavours were the easiest to identify?

Which were the hardest? Why do you think they were hard?

What do these tests tell you about how your five senses impact flavour?