

SHERBET SCIENCE

What you need

1 plastic teaspoon
1 plastic bag
Bi-carb of soda – 1 flat teaspoon
Citric acid – 1 flat teaspoon
Jelly crystals – 4 round teaspoons
Icing sugar – 3 round teaspoons

What you do

Use the teaspoon to collect ingredients one at a time.
Place each ingredient into the bag one at a time.
As you collect each one mix it up CAREFULLY using the teaspoon or by shaking the bag SLOWLY.
At the end make sure the ingredients are fully mixed.
You do not taste the sherbet until you have all the ingredients you want.

What should happen

You should have made a sweet and fizzy mixture that pops on your tongue.

Why this happens

The icing sugar makes it sweet.
The jelly crystals give it flavour.
The bi-carb makes it fizzy.

Rating

Taste your sherbet and rate for flavour, fizz, and how long it lasts in your mouth.

Investigations/Improvements

How could you improve your sherbet? Use a Science Investigation Question ...

What would happen to the _____ if I change the
_____ ?