

Family Storytelling Sessions

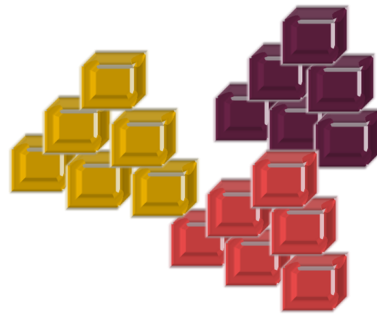
Book: Ada Twist, Scientist

A Supported Children's Activity

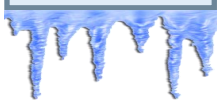
Learning Aims: to explore the changing states of water (freezing/melting) and to investigate using senses.

Experiment like Ada Twist...

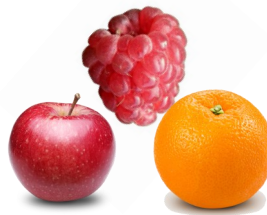
Learn how to make: **flavoured ice**



You will need:



Ice cube trays

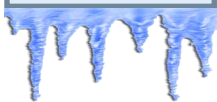


Fruit juices



Food colouring

What to do:



1. Pour different flavoured fruit juices carefully into the ice cube trays.
2. Put the trays gently into the freezer.
3. Wait 3-4 hours or overnight.
4. While you are waiting, make a hypothesis.

Discuss with your child what do they think will happen to the juice?

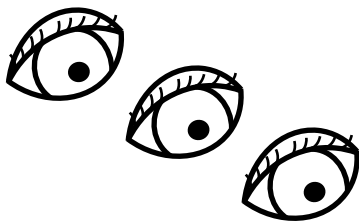
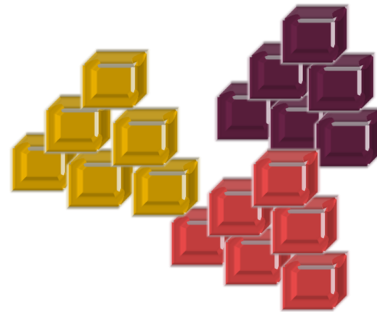


Challenges with: flavoured ice

Challenge 1: Sensory Analysis!

Ask your child to feel, look, smell, and taste the ice cubes. Can they tell what flavours they are?

Discuss does the colour help to distinguish what flavour it is?



Challenge 2: Sense-less!

Take turns to cover your eyes and see if you can still tell what flavour they are. Take turns to hold your nose and see if you can still tell what flavour they are.

Discuss is it harder now? Why?

Challenge 3: Take it outside!

Choose a cold day to explore frozen water outside. Look at frozen puddles, frosty grass, your frosty car, or (if we are lucky) even snow.

Discuss what happens to rain when it gets cold outside. What happens when it warms up?



Challenge 4: Confuse your siblings!

Repeat the experiment but this time add food colouring to the juice.

Invite others in your house to taste the ice cubes—can they tell the flavour?

