



## Session 3 Experimenting

### Information for Carers

#### Learning outcomes: .

- Understanding what an experiment is.
- Understanding how observations provide evidence for explanations
- Understanding how more questions can be generate from our experiments.

#### Resources:

Have your Discovery Box ready for this session as well items for experiment as below:

One of the experiments in this session uses a boiled egg or a grape, so if using the egg please have it ready.

Also needed are

A piece of strong cardboard or a tray or a flat box lid

2 or more small wheeled toys (e.g. Matchbox cars)

Metal coat hanger and 2 pieces of string approx. 45 cm long, a spoon or pen

3 strips of Blu tack or plasticine, 5 cups with tap water, 1 spoon, 1 bowl, ¼ cup salt, (newspaper, towel)

The Extension Activity is to do a science experiment at home. There are plenty of ideas in books or online.

One such site is:

**<https://www.fizzicseducation.com.au/free-resources/>.**

This is a suggestion only. You are free to chose your experiment from where ever you please. You may even have something in mind yourselves!

#### Prep for next session

One of the experiments next session uses a raw and a boiled egg. Adults, please prep the boiled egg, but don't tell your child which one is raw and which one is boiled. You can mark them 'X' and 'Y' or similar, with a permanent marker, so you can identify which is which.

Other things families need for next week are:

A bowl, cup with tap water, spoon, (newspaper, towel)

A glass half filled with water, a newspaper or magazine picture

2 balloons and 2 strings approx. 30 cm long

You will also need a copy of the Disappearing Pencil puzzle which can be found at

<http://www.pleacher.com/mp/puzzles/tricks/vanish.html>