



Equipment List

Families are encouraged to have the following items (or similar) on hand to maximise their enjoyment of the on-line edition of the *Little Bang Discovery Club*.

Session 1 Collecting and Classifying

- approx. 6 pairs of socks, hats, t-shirts
- approx. 10 small toys e.g. Matchbox cars, small animals, Duplo Lego bricks

Putting together your own Discovery Box:

- 1× large box or bag to put everything in
- 1× ruler and/ or 1× tape measure
- 1× timer or mobile phone with a timer or a clock with a second hand
- 2× plastic cups
- 2× big rubber bands
- approx. 4m of string
- 1× chopstick or a big spoon
- 1× notebook or paper
- 1× pencil
- 1× magnet or fridge magnet
- 1× coat hanger, metal or child size
- 1× take away box or a lunch box sized container

Session 2 Measuring and Recording

- Your Discovery Box
- Small items from around the house such as cutlery, toys, coins, pieces of fruit

To make a mobile:

- 7 pieces of string approx. 30 cm long;
- Coat hanger, chopsticks, pencils, pop sticks, and then 7 small toys or chenille stems

Session 3 Experimenting

- Your Discovery Box
- To make an inclined slope: 1× tray or lid of a large box or piece of cardboard or a small whiteboard with one end resting on a box or something similar.
- Two or more small wheeled toys e.g. cars

Joys of Attraction

- Magnet or fridge magnet from Discovery Box

Musical Coat Hanger

- Metal coat hanger and 2 pieces of string approx 45 cm long. Pencil, pen or teaspoon

Sink and Salt

- 3 strips of Blu tack or plasticine, 3 cups with tap water, spoon, (newspaper, towel)

Sink and Float

- 1× hard-boiled egg or a grape, 1× plastic bowl, 1× spoon, 2× cups with tap water (can use those in the Discovery Box) and ¼ cup salt (newspaper, towel)

Session 4 Science Fair

- Your Discovery Box

Magnifying with a Glass of Water

- 1× Glass (made of glass) half-filled with water, newspaper or magazine picture

Kissing Balloons

- 2× inflated balloons and 2× 30 cm lengths of string

Raw or Boiled?

- 1× boiled and 1× raw egg (with the children not knowing which is which), bowl, cup with tap water, spoon, (newspaper, towel)

For any assistance or ideas please visit www.childrensdiscovery.org.au