

KITCHEN SCIENCE

Online - Session Experiments

Session run and equipment usage:

This is a list of experiments we'll be doing in the Kitchen Science session online, if you like to follow along you can (you may just like to try the ones as I get to them with the materials you have available).

Water is weird

- Sticky water
- Demo by presenter – Can crush!

Surface tension

- Water and pepper
 - Plate of water, ground pepper and dishwashing soap
- Milk and food colourings
 - Shallow bowl, food coloring and dishwashing liquid, blotting paper/round coffee filters

Chromatography – separating chemicals

- Paper tower, 3x water soluble coloured markers, 3 cups of water

Psyllium Slime or Corn flour slime

- 1 tbs measuring spoon, Psyllium husks, hot water, spoon, ceramic mug
- 1 tbs measuring spoon, Corn flour, cup, water, spoon

Lunch Bag POP!

- Bicarb soda, Vinegar, Ziplock bag, water (safety glasses if you have them)

Red Cabbage pH Change

- Cupful of finely chopped Red Cabbage, Warm water in a bowl, cup, lemon juice or citric acid, bicarb soda.

Oil Lava Lamp

- 1 Tall glass, 2 small cups, vegetable oil, food colouring, alka seltzer tablet

Peroxide Whoosh (Elephants tooth paste)

- Demo by presenter - Catalyst

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Online - Science Experiments

Advice for home setup and Equipment list at a glance:

Experimental area:

Flat surface and put down some newspaper/towel to catch any spills, put a tray down to do experiments on at home.

Make sure computer/tablet/camera are in a place where they are protected from spills, so a little bit elevated from the flat surface.

Equipment list:

- Paper towel
- 2x Bowls
- 2x Plates/dishes
- 3 cups
- 1 ceramic mug
- 2 spoons
- 1 tb spoon measure
- Zip lock bag
- 1x Tall Glass
- Blotting papers/Round Coffee Filters
- 3 coloured markers (water based)

Ingredients:

- Jug of water
- Ground pepper
- Dishwashing Soap
- Bicarb Soda
- Vinegar (at least a cup worth)
- Psyllium Husks
- Corn flour
- Red Cabbage
- Citric acid or Lemon Juice (concentrate)
- Vegetable oil
- Food colour (4 different colours if possible)
- alka seltzer tablet