

Family Science

Water Week

Science week in school has been based around the theme of Water.

I hope that you have found out some new facts and done some great investigations?

Here are a few more investigations that you can do at home. The water rocket is great fun! Please send any photos to,

scienceclub@silsden.bradford.sch.uk

Investigate freezing points



- Fill an ice cube tray with different liquids (try water, juice, oil, tomato sauce etc)
- Time how long each one takes to freeze
- Why do some freeze more slowly than others?

Make a density jar



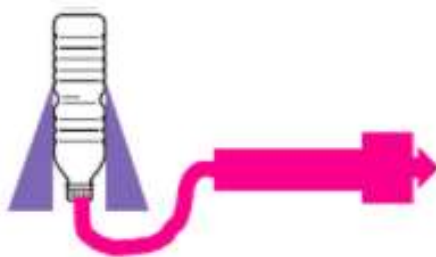
- Different liquids will have different densities.
- Explore which are less dense and will float on top
- Try oil, water, juice, sugar solution or alcohol (ask a grown up)

Float on different layers

- Can you find objects to float on the different layers?
- Something heavy like a marble might sink to the bottom, a leaf might float on top, a toy frog or Lego piece might hang between the layers. What can you find?



The water rocket



- Part fill a plastic bottle with water
- Attach three cardboard fins as supports
- Attach a bicycle pump through the lid and seal
- Pump to increase the air pressure until lift off!
- Stand well back!