

Look around your house and collect **5** objects that you think will float and **5** objects that you think will sink.

You could write 2 lists – one list for those objects you think will float and another list of those objects that you think will sink.

Now test each object in turn to see if you are correct!

Floating: object remains on the top of the water. Some of the object may be under the water.



Sinking: object drops to the bottom of the water.

Check each object on your list – tick next to your writing if it floated and mark a cross if it sunk.

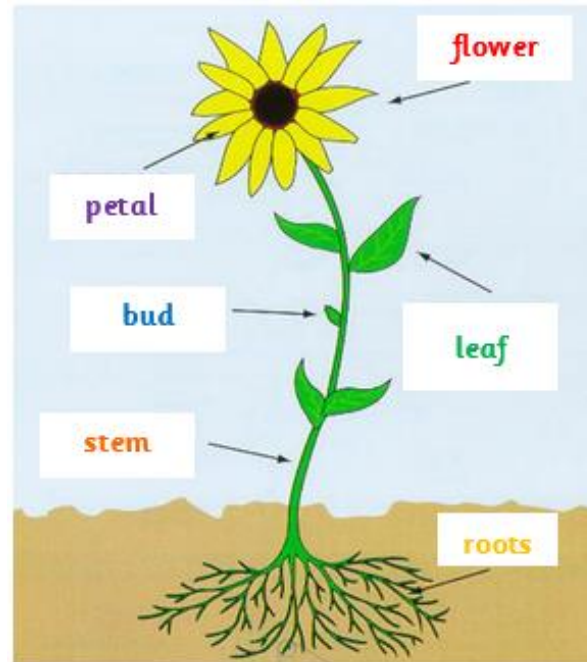
Collect items from around the house, such as items from your recycling box.

Build a boat that will float!

Test it in your sink or bath!



Look at any plants or flowers that you have in your house and garden, or even when you are out on your daily walk. Name the different parts of a plant – root, stem*, petal and leaf.



Parents – in school, just before we closed, we talked about what each part of the plant does, so you may wish to reinforce what the different parts of the plant do.

Roots – drink water from the soil / hold the plant in the soil [like an anchor].

Stem – keeps the plant upright / takes the water from the roots to the different parts of the plant.

Petals – these are brightly coloured to attract bees and other insects. Bees take nectar and pollen from the plant and when they fly away they drop some of the pollen - then more plants grow!

Leaves – the leaves take in air and this helps the plant to make its food.

* Children often say 'stalk' instead of 'stem' so it is important that the correct term 'stem' is reinforced

Take 4 ice cubes from the freezer.

Choose different places to put each ice cube, e.g. place one at the front door, one at the back door, one in your hand and the other in the fridge.

Which ice cube will melt first? Why?



Explore your house. Be a detective and...



- Look for all the different types of technology that you have in your home – perhaps look in one room at a time. How many of these did you find - washing machine, tumble dryer, dishwasher, microwave, kettle, toaster, iron, Hoover, computer, laptop, printer, webcam, tablet, landline telephone, mobile phone, camera, TV, DVD player, stereo, alarm clock, Echo dot, remote control, torch, lawn mower, Hive, games machine, e.g. Nintendo Wii, karaoke machine, programmable toy?
- Try and think of any other technology that you might find in other places, e.g. the scanner in the supermarket, traffic lights, pelican crossing ‘green man’, sat nav, SmartBoard in the classroom, photocopier.
- See which things in your house use batteries to make them work and which items need to be plugged in* to make them work.

* Remember that you are just LOOKING and not touching.