

## Science Ideas:

### PLANTS

- Go on a walk around your local area or a local wood and see if you can spot the different types of plants that we can see growing in Spring and Summer. Leaf Spotter Sheet: [http://www.treetoolsforschools.org.uk/activities/pdfs/pdf\\_leaf\\_spotter\\_sheet.pdf](http://www.treetoolsforschools.org.uk/activities/pdfs/pdf_leaf_spotter_sheet.pdf) Spring Flower Spotter Sheet: [http://www.treetoolsforschools.org.uk/activities/pdfs/pdf\\_spring\\_flowers\\_spotter\\_sheet.pdf](http://www.treetoolsforschools.org.uk/activities/pdfs/pdf_spring_flowers_spotter_sheet.pdf) Summer Wildlife Spotter Sheet: [http://www.treetoolsforschools.org.uk/activities/pdfs/pdf\\_summer\\_spotter\\_sheet.pdf](http://www.treetoolsforschools.org.uk/activities/pdfs/pdf_summer_spotter_sheet.pdf)
- When you go on a walk, collect a range of different plants and materials you find around a stick. When you get home, write about your journey through nature using your journey stick to help you remember your travels. [http://www.treetoolsforschools.org.uk/activities/pdfs/pdf\\_journey\\_stick.pdf](http://www.treetoolsforschools.org.uk/activities/pdfs/pdf_journey_stick.pdf)
- Plant a seed and watch it grow (eg. a sunflower).

### SEASONAL CHANGES

- Keep a weather diary. [http://www.treetoolsforschools.org.uk/activities/pdfs/pdf\\_weather\\_diary.pdf](http://www.treetoolsforschools.org.uk/activities/pdfs/pdf_weather_diary.pdf)
- In the Spring and Summer we get warmer weather because the Sun is closer to the Earth. Sunshine increases the temperature. Using tin foil to reflect the sun, see if you can use sunlight to melt food in our current season. Use how much the sun has melted your food to decide which season we might be in. Instructions: <https://www.stevespanglerscience.com/lab/experiments/solar-oven/>

### FLOATING AND SINKING

This used to be on the curriculum in Year 1 and there are some quite nice ideas so I thought I would pass them on anyway.

- Can you sink the boat? Tin foil normally floats but as we add more weight to it the downwards force becomes too much. Try different designs and see which works best. Instructions: <https://www.fizzicseducation.com.au/150-science-experiments/force-movement-experiments/sink-the-foil-boat/>
- Dancing sultanas! Watch little air bubbles help sultanas raise to the top of a glass and then POP so that the sultanas sink back down again. Instructions: <https://www.fizzicseducation.com.au/150-science-experiments/force-movement-experiments/dancing-sultanas/>