



Science Ideas

Useful websites:

- www.britishscienceweek.org
- www.fun-science.org.uk
- www.sciencekids.co.nz
- www.science-sparks.com
- www.sciencebob.com
- www.woodlandtrust.org.uk
- www.crickweb.co.uk/ks1science
- www.bbc.co.uk/bitesize
- www.rspb.org.uk/get-involved/activities/birdwatch
- www.ducksters.com/science/
- <https://www.twinkl.co.uk/resources/parents>

Activities anyone can have a go at:

- Make a parachute for a small toy – try cutting a plastic bag and attaching string to each corner – what material works best?
- How long can you keep an ice cube from melting? Test cubes in different parts of the house or try wrapping it in different materials – what works best?
- Make a bug hotel – collect sticks and bits to create a home for bugs
- Make bubble mixture from washing up liquid and experiment with making different bubbles – try bending a pipe cleaner, piece of wire, cardboard tube or anything else with a hole
- Test reflexes – ask someone to hold a ruler above your hand and drop it – catch it between two fingers– Who can do it the quickest in your family? Which hand is quicker? Remember to keep it a fair test
- Measure the earth moving – make a sun dial. Can you add the time on it?
- Test your lung volume – how strong are you? (see www.sciencekids.co.nz)
- Using a square of paper make a boat to carry pennies – which design floats the best and can carry the most pennies?
- Try the 'Walking Water experiment' in the picture – fill every other cup with a different coloured water with kitchen towel between and watch what happens. (see www.fun-science.org.uk)
- Write a secret message using lemon juice – find out how to read it on www.sciencekids.co.nz or ask an adult to iron it gently
- Get outside and bird watch – help RSPB collect data on birds visiting your area
- Using copper coins (or old eggshells). Put them in different liquids e.g. coke, juice, water and milk. Leave them for 2 weeks and record what you notice
- Make a three-twig mobile – can you make it balance?
- Make different shaped kites from recycled materials – which one flies the best? Why?
- Are you quicker than gravity? Learn a new trick by balancing a coin on your elbow. Bring your hand forward to catch it. Try adding a couple more coins!
- Make two loaves of bread – one with yeast and one without. What do you notice? Can you find out why we add yeast?
- Make edible slime - www.bbcgoodfood.com/howto/guide/how-make-slime

