

**SUBJECT: SCIENCE**

**YEAR: FIVE**

**RESOURCE: EQUIPMENT LIST**

<p>General</p>	<p>Exercise book or similar (with lined pages) for carrying out written work, e.g. writing up experiments; recording of research, etc (suggested).</p> <p>Plain paper</p> <p>Pens and crayons</p> <p>Scissors</p> <p>Card</p> <p>30cm ruler</p> <p>Sticky notes</p> <p>Glue</p> <p>Camera</p> <p>Timer / stopwatch</p> <p>Thermometer</p> <p>Hand lens / magnifying glass</p> <p>Salt</p> <p>Lego™ or similar building bricks</p> <p>Computing software, e.g. MS Word or similar.</p>
<p>Part 1 (Weeks 1-12)</p>	<p>Flowers from the garden or cut flowers, e.g. lilies</p> <p>20 transparent plastic cups</p> <p>20 kidney beans / any large, fast-growing beans to plant</p> <p>Soil / compost</p> <p>Tissue or cotton wool</p> <p>Glass jar</p> <p>Large cardboard box</p> <p>Beads or marbles</p> <p>A range of natural and man-made objects made from: paper, stone, fabric, cardboard, plastic, nylon, metal</p> <p>A range of different types of paper, e.g. cartridge paper, wrapping paper, printing paper, kitchen roll, tracing paper, tracing paper, brown parcel paper</p> <p>A range of clean cloths of different thicknesses</p>

	<p>Sandpaper</p> <p>Ice cubes</p> <p>Sand</p> <p>Flour</p> <p>Glass cups or jars</p> <p>Rice</p> <p>Paper clips</p> <p>Marbles</p> <p>Drawing pins</p> <p>Filter paper</p> <p>Funnel and beaker</p>
Part 2 (Weeks 13-24)	<p>Rusty roasting tray (optional, as image is provided)</p> <p>Different liquids, e.g. drinks</p> <p>Apples</p> <p>Lemon juice</p> <p>Sugar</p> <p>Vitamin C tablets</p> <p>Vinegar</p> <p>Baking soda (bicarbonate of soda)</p> <p>Paint</p> <p>Red food colouring</p> <p>Alka-Seltzer tablets</p> <p>Fizzy drinks, e.g. cola, lemonade, sparkling water</p> <p>Sweets: Barratts Refreshers, Mentoes, Extra Strong Mints</p> <p>Items of cotton clothing or a tea towel</p> <p>PVA glue, laundry detergent</p> <p>Plastic bowl and spoon</p> <p>Plastic air-tight container</p> <p>Food colouring</p> <p>Clear plastic bag</p> <p>Selection of feathers (found or bought from a craft store)</p> <p>Two plastic drinks bottles</p> <p>Flowers for dissection</p>
Part 3 (Weeks 25-36)	<p>Movable objects in or around the home, i.e. anything that can be pushed, pulled, bent or twisted, e.g. toys, blu-tack, handles, lids, etc.</p>

	<p>Objects with a range of masses, e.g. marbles, hammer, tennis ball, etc.</p> <p>Equipment to make a see-saw: wood strip/stiff ruler, cardboard tube, sticky tape</p> <p>Light 'weights', e.g. Lego™ bricks, coins</p> <p>Equipment to build a lever: wooden/metal plank, stiff ruler, bricks, weights, tape measure</p> <p>Pulley equipment: cotton reels, knitting needles or length of dowelling, two hooks, length of wood, string, scissors, small container/bucket, marbles or wooden bricks</p> <p>If possible, a bike with gears</p> <p>Parachute materials: range of plastic bags of different sizes, e.g. sandwich bag, carrier bag bin bag</p> <p>Thin cleaning cloths</p> <p>Modelling clay (as weight)</p> <p>Equipment to investigate friction, e.g. plank of wood, pile of books, liquid soap, sand, matchbox filled with sand, shoebox</p> <p>Ink stamp pad, balloon, cocoa powder, sieve</p> <p>Range of fruits and vegetables to represent foetus growth: poppy seed, grape, lemon, avocado, coconut, swede, lettuce, turnip, papaya, pumpkin</p>
--	--