

**SUBJECT: SCIENCE**

**YEAR: FOUR**

**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>Camera</p> <p>Timer / stopwatch</p> <p>Thermometer</p> <p>Hand lens / magnifying glass</p> <p>Computing software, e.g. MS Word or similar, for completing some written work on.</p>
<p>Part 1 (Weeks 1-12)</p>	<p>Beans for planting, and pots, e.g. kidney beans or butter beans</p> <p>Glass slides x 5</p> <p>Petroleum jelly, e.g. Vaseline™</p> <p>Lemon juice</p> <p>Marker pen</p> <p>Equipment for digestive system activity: banana, orange juice, water, cream crackers, metal tray, plastic cups, paper cup, sealable plastic cups, pair of tights</p> <p>Mirror</p> <p>Apple or other crunchy fruit</p> <p>Egg shells</p> <p>Range of drinks: water, milk, cola, lemonade, orange juice, diet fizzy drinks</p> <p>Plastic cups</p>
<p>Part 2 (Weeks 13-24)</p>	<p>Elastic bands of different thicknesses</p> <p>Any musical instruments to demonstrate sounds</p> <p>Decibel measuring app, e.g. <i>Decibel X: dB, dBA Noise Meter</i></p>

	<p>Box, e.g. shoe box</p> <p>Packing materials, e.g. parcel tape</p> <p>Materials for sound proofing, e.g. cardboard egg tray, Styrofoam chips, rice, dried peas, newspaper, fabric, etc.</p> <p>Identical glass bottles x 5-6</p> <p>Materials to make home-made drums, e.g. plastic sheeting, different sized pots or buckets, elastic bands</p> <p>Tin cans</p> <p>String</p> <p>Small pebble</p> <p>Bowl of water</p> <p>Smart device with an alarm</p> <p>Large sheets of blank paper</p> <p>Old magazines</p> <p>Rubber glove or balloon</p> <p>Ice cube</p> <p>Butter</p> <p>Chocolate</p> <p>Tongs</p> <p>(Library) books about earth, sun and space</p> <p>Foods to represent planets: peppercorn, cherry tomato, raspberry, blueberry, watermelon, grapefruit, apple, lime</p> <p>Three different sized balls, e.g. tennis ball, squash ball, football</p> <p>Biscuits and buttercream (or Oreo cookies)</p>
<p>Part 3 (Weeks 25-36)</p>	<p>Household electrical appliances, e.g. hairdryer, iron, phone charger, toaster, kettle, etc.</p> <p>Disused electrical cable</p> <p>Equipment for building electrical circuits: 'D' cell, wires, batteries, bulbs, bulb holder, small motor, buzzer (Recommended suppliers: Maplin Electronics; RS Components)</p> <p>Small pieces of various materials: wood, cloth, glass, paper, coin, spoon</p> <p>Paper clips</p> <p>Bowl</p> <p>Salt</p> <p>Sand</p>

	<p>Eggs x 2</p> <p>Food items to be heated: butter, chocolate, pasta, cheese</p> <p>Modelling balloons</p> <p>Items which have been twisted, e.g. plasticine, dough, blu-tack, fabric</p> <p>Wood</p> <p>Play-dough</p> <p>Acrylic paints</p> <p>Ingredients to bake a cake: sugar, eggs, flour, butter, baking powder, vanilla essence, milk as required</p> <p>Solid fat, e.g. coconut oil, butter</p> <p>Cheese</p> <p>Candle</p> <p>Soap</p> <p>Petroleum jelly, e.g. Vaseline™</p> <p>Fire proof container</p> <p>Salt crystals</p> <p>Plastic tray</p> <p>Filter paper or coffee filters</p> <p>Soluble and insoluble materials, e.g. rice, coffee, tea, flour, icing sugar, powder paint, sand</p> <p>Hair dryer</p> <p>Cotton material, e.g. tea towel</p> <p>Plant</p> <p>Plastic bag</p>
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