

SUBJECT: SCIENCE

YEAR: FIVE

RESOURCE: EQUIPMENT LIST

General	Exercise book or similar (with lined pages) for carrying out written work, e.g. writing up experiments; recording of research, etc (suggested). A4 and A3 plain paper Pens and crayons, including marker pens of different colours Scissors Card and cardboard Cardboard boxes Plastic boxes and containers 30cm ruler Sticky notes Sticky tape Plastic wrap / cling film Elastic bands of different thicknesses Glue Globe Aluminium foil Torch / flashlight Smart device for use of camera, voice recorder, timer, etc. Hand lens / magnifying glass Water Computing software, e.g. MS Word, PowerPoint or similar.
Part 1 (Weeks 1-12)	Recommended: examples of flowering and non-flowering plants Selection of different flowers (real or artificial) Flowering plant with visible parts (e.g. petals, stamens, pistil, leaves, stem) Sketchbook or clipboard and paper Recommended: collage materials such as small pieces of different coloured paper, glue, art straws, paint, etc.

	Tweezers Four different flowering plants in their natural habitat Plate Recommended: dandelion seeds A variety of seeds Junk modelling equipment such as elastic bands, paper, pipe cleaners, paper clips, Velcro, balloons, plastic bag, string, double-sided tape Glass jars Soil or sawdust Measuring cup Recommended: tuning fork Types of paper, e.g. wax paper, card, foil, etc. Rice grains Metal baking tray Wooden spoon Decibel meter app for a smartphone: <i>Decibel X: dB Sound Level Meter</i> Whistle Empty tissue box or shoe box Long cardboard tube (at least 50cm) Pillow Plastic container String instrument, e.g. guitar or violin (or a home-made version) 8x glass bottles of the same size / shape Small drum or drumming surface Junk materials, e.g. corks, lolly sticks, straws, marbles, cocktail sticks, kitchen roll tubes, etc.
Part 2 (Weeks 13-24)	Bowl Empty plastic bottle Balloon or paper bag Vinegar Bicarbonate of soda Jar with a wide mouth Spoon 5 x pieces of white or clear plastic Petroleum jelly

	Thermometer
	Ice cubes
	Spoon
	Beaker or saucepan
	A hot plate or Bunsen burner
	Tongs
	Plastic bottle with a lid, e.g. milk bottle
	Running water
	Measuring jug / cup / cylinder
	Paper towel / kitchen towel
	4 x identical plastic cups
	Cold window pane or mirror
	Glass bowl and small dish which will fit inside the bowl
	Small stone
	Sugar
	Salt
	Sand
	Flour
	Food colouring
	Coffee filter
	Funnel or small strainer
	Banana
	Cracker biscuit
	One leg of a pair of tights with foot cut open
	Plastic basin or tray
	A small sealable plastic bag
	Newspaper
	Plastic squeezezy bottle with the base cut off
	Bicycle inner tube
	Old tights
	Electrical tape
	Foods high in starch, e.g. bread, pasta, rice, potatoes
	Foods lower in starch, e.g. cucumber, egg, apple, peppers
	Iodine solution
	Saucers

	A dropper / pipette Food from a kitchen Labels from different food products Chopping board and knife Plant pots Compost or soil Cocktail sticks / toothpicks Food scraps such as vegetable peelings, salad and fruit which has gone past its best Spherical threading bead Lollipop stick Garden wire Strips of different materials, e.g. Sandpaper, bubble wrap
Part 3 (Weeks 25-36)	Small object like a tennis ball or an apple A set of weights or small objects with different masses Different sized balls, e.g. football and ping pong ball A ball that floats Tank of water Thin plastic sheet, e.g. from a plastic bag Small objects that can be submerged in water, e.g. plastic bottle cap, a marble, a piece of clay, a small plastic toy, a metal spoon Calculator Different magnets, e.g. bar magnets, fridge magnets, horseshoe magnets. One should be a particularly strong magnet Recommended: information books about metals Selection of different things made from different metals and alloys, such as steel wool, a copper scourer, copper wires, a brass handle or brass candle stick, steel pins, steel screws, stainless steel cutlery, steel paperclips (no plastic covering), an iron bolt or nail, copper and nickel coins, aluminium foil, a cast iron cooking pot Aluminium can Copper wire Wooden stick Metal paperclip with no plastic coating

	Information books about the solar system Recommended: information books about the Earth's tilt and seasons Recommended: information books about migration and hibernation Recommended: information books about plants and animals that live in wet environments Recommended: information books about endangered species Art materials (optional) Fresh leaves Nail varnish remover White paper towel or coffee filters A stone A wooden skewer Foil tray Bars of chocolate Biscuits or cookies
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