

General	Exercise book or similar (with lined pages) for carrying out written work, e.g. writing up experiments; recording of research, etc (suggested). Plain A4 paper and card of different colours A3 paper Ruler Tape measure Pens and crayons Modelling clay / plasticine Scissors Paper clips Thin string Paper fasteners Glue (PVA and/or glue stick) Sticky tape Sticky labels Cardboard boxes Smart device/tablet for use of camera, voice recorder Timer / stopwatch Thermometer Hand lens / magnifying glass Computing software, e.g. MS Word or similar, for completing some written work on.
Part 1 (Weeks 1-12)	Drinking straws / art straws Bottle tops Dried pasta of different shapes Elastic bands

Part 1 (Weeks 1-12)	Stapler and staples Torch / flashlight Balls of different sizes, e.g. bouncy ball, tennis, football, beach ball, etc. Materials to make a simple ramp: books, sheets of cardboard Toy cars / vehicles Beaker Teaspoons (metal and plastic) Small plastic beads Petroleum jelly Tea bag Different surfaces: carpet, tile, rug, etc. Battery-powered toy Small drum and beater Rice Lamp Recommended: information books about bones, the human skeleton, vertebrates and invertebrates Recommended: information books about electricity and how it is made
Part 2 (Weeks 13-24)	Liquid food dye or food colouring Measuring cylinder or measuring cup Ice cubes Salt Sugar Flour Sand Chocolate, butter, cheese Sauces (x4 of the same size)

Part 2 (Weeks 13-24)	Plates Bicarbonate of soda Vinegar Clear containers or cups Wire wool Glass jars (e.g. jam jars) x 3 and lid Baking ingredients: flour, sugar, baking powder, eggs, butter A fresh peach Modelling clay (brown, green, orange, yellow) Tooth picks Globe or world map Small objects such as toy buildings or blocks Large tray or shallow box Sand or loose soil Recommended: information books about the Earth's structure Recommended: information books about habitats and wildlife
Part 3 (Weeks 25-36)	Coloured, transparent materials, e.g. plastic sheets, cellophane Pen knife or craft knife Aluminium foil Small mirror Flexible, plastic tube Clipboard Range of reflective and non-reflective objects, e.g. metal trophy, mirror, metal pan, plastic box, cardboard box, radiator, fabric cloth, pencil case, etc. Plastic wrap / cling film Grease proof paper

	Small objects like marbles, balls, fruit, or toys to represent planets in a model (e.g., tennis ball for Jupiter, small orange for Mercury, small blue ball for Earth) Recommended: information books about space and planets, and astronomers Stick, approx. 20cm in length / height Stones Battery, e.g. AA or AAA Recommended: LED bulb and LED lights Wire, e.g. stripped from an old device Plastic covered wires x3 with crocodile clips at one end Lamps in lamp holders Switch 1.5V cells in cell holders Crocodile clips A 1.5V lamp in a lamp holder Piece of fabric Plastic playing brick Wooden peg Kitchen towel Magnet Salt
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