

Shopping List

This is a comprehensive list for collecting all the materials relating to the Activities in the Activity Support Booklet. Individual Activity materials are listed in Section 2.2.

The materials on this list can be sourced at a variety of locations, but emphasis on recycling and reusing should be maintained. Where possible, use household products, empty containers, cardboard cereal boxes, food products brought from home etc. Scissors and sellotape are useful in most activities, so have it on hand.

Equipment/Materials Needed	Activity
◆ Apple	◆ Starch is Everywhere
◆ Balloon	◆ Strange Sounds – Feeling Sound
◆ Large Balloons (<i>any shape but long shaped look more like rockets</i>)	◆ Strange Sounds – Making Weird Sounds
◆ Balloon Pump	◆ Rocket Launch
◆ Battery & Battery Holder	◆ Rocket Launch
◆ Battery 3 V or 4.5 V	◆ Motors and Vehicles
◆ Battery 1.5 V to 3 V	◆ Make a Lighthouse
◆ Biscuit	◆ Make an Electric Quiz
◆ Blocks or Books (<i>i.e. things to make two banks of a river</i>)	◆ Starch is Everywhere
◆ Book	◆ Design a Bridge
◆ Blu-Tack	◆ Friction – Slip or Stick?
◆ Bread	◆ Make a Rocket
◆ Bread Soda	◆ Starch is Everywhere
◆ Bulb (3.5 V flashing or ordinary)	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Bulb holder (Bulb 1.5 V to 3 V and bulb holders)	◆ Make a Lighthouse
◆ Bulb 3.5 V (flashing or ordinary)	◆ Make an Electric Quiz
◆ Bulb 1.5 V to 3 V	◆ Make a Lighthouse
◆ Canes to Support Plants	◆ Make an Electric Quiz
◆ Cardboard – e.g. cereal packets	◆ Growing Tomatoes
◆ White Cardboard	◆ Starch is Everywhere
◆ Cardboard Tube – empty kitchen roll or a long crisps tin	◆ Make a Periscope
◆ Thin Cardboard – e.g. cereal packets	◆ Make a Lever (<i>Wag the Dog</i>)
◆ Cardboard Triangles	◆ Make an Electric Quiz
◆ Cardboard Triangles with Holes	◆ Rainbow Spinner
◆ Card	◆ Make a Lighthouse
◆ Chair	◆ Acrobatic Clown
◆ Cheese	◆ Motors and Vehicles
◆ Cling Film	◆ Motors and Vehicles
◆ Clothes Pegs	◆ Magnetic Car
◆ Cocktail sticks or toothpicks	◆ Can You Balance?
◆ Coins	◆ Starch is Everywhere
◆ Small Coins	◆ Strange Sounds – Seeing Sounds
◆ 2 Coins of the Same Value (for weight)	◆ Acrobatic Clown
◆ Coin or Compass (<i>for circle shape</i>)	◆ Rocket Launch
◆ Coloured Pencils/Markers/Crayons	◆ Magnetic Car
◆ Markers	◆ Design a Bridge
◆ Pencil	◆ Friction – Slip or Stick?
	◆ Surface Tension and Bubbles
	◆ Acrobatic Clown
	◆ Magnetic Car
	◆ Make a Lever (<i>Wag the Dog</i>)
	◆ Rainbow Spinner
	◆ Acrobatic Clown
	◆ Snake Spiral
	◆ Myself – Fingerprints, Dominant Eye, Blind Spot
	◆ Creeping Colours
	◆ Mirror Writing
	◆ Rainbow Spinner

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Equipment/Materials Needed	Activity
◆ Lead Pencils	◆ Acrobatic Clown
◆ Connecting Wires	◆ Snake Spiral
	◆ Mirror Writing
	◆ Myself – Fingerprints, Dominate Eye, Blind Spot
◆ Cooking Oil	◆ Make a Lighthouse
◆ Dowels (for axels)	◆ Make an Electric Quiz
◆ Drawing Pin	◆ Diving Drops and Sinking Feeling
◆ Dried Peas	◆ Motors and Vehicles
◆ Drinking Straw	◆ Water Fountain
	◆ Design a Boat
◆ Drinking Straw – one per child	◆ Strange Sounds – Making Weird Sounds
◆ Strong plastic drinking straw	◆ Rocket Launch
◆ Dropper Bottles (Available from Chemists)	◆ Magnetic Car
	◆ Surface Tension and Bubbles
	◆ Water Fountain
	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Elastic Band	◆ Motors and Vehicles
	◆ Strange Sounds – Seeing Sounds
◆ Empty Butter Cartons	◆ Surface Tension and Bubbles
	◆ Design a Boat
◆ Empty Match Box	◆ Magnetic Car
◆ Empty Tin with Rim – e.g. Bisto	◆ Friction – Slip or Stick?
◆ 2 Tins with Metal Bases	◆ String Telephone
◆ Film Canister (without hole)	◆ Make a Rocket
◆ Fizzy Drink (clear) e.g. 7-Up or Soda Water (Freshly Opened, must be very fizzy)	◆ Dancing Raisins
◆ Flour	◆ Starch is Everywhere
◆ Food Colouring	◆ Diving Drops and Sinking Feeling
	◆ Water Fountain
◆ Funnel	◆ Starch is Everywhere
◆ Glue	◆ Make a Lighthouse
◆ Glue or Pritt Stick	◆ My Reaction Time
	◆ Make an Electric Quiz
◆ Wood Glue	◆ Motors and Vehicles
◆ Half a Red Cabbage	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Hand Lens	◆ Myself – Fingerprints, Dominant Eye, Blind Spot
◆ Handful of Raisins	◆ Dancing Raisins
◆ Hole Punch	◆ My Reaction Strip
◆ Jar or Cup	◆ Rainbow Spinner
◆ Small Glass or Plastic Jar	◆ Make a Lighthouse
◆ Jam Jar with Lid	◆ Diving Drops and Sinking Feeling
	◆ Design a Boat
◆ Glass	◆ Surface Tension and Bubbles
◆ Beaker or Jar	◆ Creeping Colours
	◆ Dancing Raisins
◆ Kitchen Paper	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Knife	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Large Pulley to Fit Dowel	◆ Motors and Vehicles
◆ Large Spoon	◆ Strange Sounds – Seeing Sounds
◆ Slotted Spoon	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Larger Pot (4 Litre Container)	◆ Growing Tomatoes
◆ Lemon Juice	◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ Length of Plastic Pipe – e.g. Wavin	◆ Friction – Slip or Stick?
◆ Magnets	◆ Magnetic Car
◆ Marbles	◆ Friction – Slip or Stick?
◆ Measuring Jug	◆ Starch is Everywhere

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◆ Large Jug or deep bowl or bucket of hot water	◆ Water Fountain
◆ Metre Stick (<i>if available</i>)	◆ Can You Balance?
◆ Motor Mounting Clip	◆ Motors and Vehicles
◆ Motor with Small Pulley on Spindle	◆ Motors and Vehicles
◆ Needle or Pins	◆ Surface Tension and Bubbles
◆ Needle	◆ Snake Spiral
◆ Old Towels (<i>for mopping up</i>)	◆ How Much Air Can My Lungs Hold? ◆ Make a Diver ◆ Make a Rocket ◆ Dancing Raisins ◆ Surface Tension and Bubbles ◆ Design a Boat ◆ Creeping Colours ◆ Dyeing with Red Cabbage, Soap and Vinegar ◆ Starch is Everywhere
◆ Orange	◆ Design a Boat
◆ Paper	◆ Starch is Everywhere ◆ Design a Bridge ◆ Paper Helicopters ◆ Snake Spiral ◆ Make an Electric Quiz ◆ Make a Lighthouse ◆ Myself – Fingerprints, Dominant Eye, Blind Spot ◆ Mirror Writing ◆ Air Pressure ◆ Water Fountain ◆ Creepy Reflections and Floating Finger ◆ Dyeing with Red Cabbage, Soap and Vinegar ◆ Creeping Colours
◆ Black & White Paper	
◆ White Paper	
◆ Paper – e.g. Newspaper	
◆ Filter Paper or Blotting Paper	
◆ Paper Clips	◆ Design a Bridge ◆ Make a Diver ◆ My Reaction Time ◆ Make an Electric Quiz
◆ Metal Paper Clips	
◆ Paper Fasteners (<i>Split Pin Variety</i>)	◆ Make a Lever (<i>Wag the Dog</i>) ◆ Make an Electric Quiz
◆ Pen Lid with clip (<i>no hole</i>)	◆ Make a Diver
◆ Plant Food	◆ Growing Tomatoes
◆ Plastic	◆ Starch is Everywhere
◆ Strip of Plastic	◆ Strange Sounds
◆ Plastic Bottle	◆ Air Pressure ◆ Water Fountain ◆ Make a Diver ◆ How Much Air Can My Lungs Hold?
◆ Plastic 500ml Bottle with a screw top lid	
◆ Large Plastic Bottle (<i>4 to 5 litre</i>) with Cap	
◆ Plastic Bowl	◆ Strange Sounds – Seeing Sounds ◆ Creepy Reflections and Floating Finger ◆ Dyeing with Red Cabbage, Soap and Vinegar
◆ A clean washing-up Bowl	
◆ Large Bowl or Several Small Bowls	
◆ Plastic Sheet	◆ Water Fountain
◆ Plastic Tubing	◆ How Much Air Can My Lungs Hold?
◆ Plasticine	◆ Acrobatic Clown ◆ Design a Boat ◆ Water Fountain ◆ Snake Spiral ◆ My Reaction Time ◆ Make a Diver ◆ Water Fountain ◆ Magnetic Car
◆ Plasticine or Blu-Tack	
◆ Polystyrene	◆ Starch is Everywhere
◆ Potato	◆ Starch is Everywhere
◆ Protractors	◆ Make a Periscope ◆ Rainbow Spinner <i>(not essential – for older children only 6th class)</i>

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Equipment/Materials Needed	Activity
<ul style="list-style-type: none"> ◆ Rice ◆ Uncooked Rice 	<ul style="list-style-type: none"> ◆ Starch is Everywhere ◆ Strange Sounds – Seeing Sounds
<ul style="list-style-type: none"> ◆ Rulers 	<ul style="list-style-type: none"> ◆ Design a Bridge ◆ Can You Balance? ◆ Air Pressure
<ul style="list-style-type: none"> ◆ Salt 	<ul style="list-style-type: none"> ◆ Starch is Everywhere
<ul style="list-style-type: none"> ◆ Saucepan 	<ul style="list-style-type: none"> ◆ Strange Sounds – Seeing Sounds
<ul style="list-style-type: none"> ◆ Scraps of White Cotton Material – old handkerchiefs or cold cotton sheet 	<ul style="list-style-type: none"> ◆ Dyeing with Red Cabbage, Soap and Vinegar
<ul style="list-style-type: none"> ◆ Seed and Potting Compost 	<ul style="list-style-type: none"> ◆ Growing Tomatoes
<ul style="list-style-type: none"> ◆ Sink 	<ul style="list-style-type: none"> ◆ Water Fountain
<ul style="list-style-type: none"> ◆ Small Flower Pots or Old Yoghurt Containers 	<ul style="list-style-type: none"> ◆ Growing Tomatoes
<ul style="list-style-type: none"> ◆ Small plastic mirrors (7.5cm x 5cm) ◆ Small flat plastic mirrors 	<ul style="list-style-type: none"> ◆ Make a Periscope ◆ Mirror Writing
<ul style="list-style-type: none"> ◆ Soap 	<ul style="list-style-type: none"> ◆ Dyeing with Red Cabbage, Soap and Vinegar
<ul style="list-style-type: none"> ◆ Spaghetti 	<ul style="list-style-type: none"> ◆ Starch is Everywhere
<ul style="list-style-type: none"> ◆ String (120cm works well) ◆ String or Cotton thread or Fishing Line – 3-4m long ◆ Thread ◆ String/thread/fishing line 	<ul style="list-style-type: none"> ◆ Rainbow Spinner ◆ Rocket Launch ◆ Snake Spiral ◆ String Telephone
<ul style="list-style-type: none"> ◆ Sugar 	<ul style="list-style-type: none"> ◆ Starch is Everywhere
<ul style="list-style-type: none"> ◆ Syrup 	<ul style="list-style-type: none"> ◆ Diving Drops and Sinking Feeling
<ul style="list-style-type: none"> ◆ Tablet that dissolves & fizzes e.g. Alka-Seltzer, Vitamin C Tablets 	<ul style="list-style-type: none"> ◆ Make a Rocket
<ul style="list-style-type: none"> ◆ Thin Wire such as Florists Wire 	<ul style="list-style-type: none"> ◆ Surface Tension and Bubbles
<ul style="list-style-type: none"> ◆ Tincture of Iodine (Available from Chemists) 	<ul style="list-style-type: none"> ◆ Starch is Everywhere
<ul style="list-style-type: none"> ◆ Tissue Paper 	<ul style="list-style-type: none"> ◆ Surface Tension and Bubbles
<ul style="list-style-type: none"> ◆ Tomato Seed – from garden centres. Choose Bush or varieties suitable for container production like BALCONI, TOTEM, or TUMBLER. (Obtain enough seed to provide a plant for each child to take home plus one or two for the classroom. Seed count is available on the packet – 90% germinations/survival rate) 	<ul style="list-style-type: none"> ◆ Growing Tomatoes
<ul style="list-style-type: none"> ◆ Vinegar 	<ul style="list-style-type: none"> ◆ Dyeing with Red Cabbage, Soap and Vinegar
<ul style="list-style-type: none"> ◆ Washing-up Liquid 	<ul style="list-style-type: none"> ◆ Surface Tension and Bubbles
<ul style="list-style-type: none"> ◆ Water 	<ul style="list-style-type: none"> ◆ Starch is Everywhere ◆ Surface Tension and Bubbles ◆ Design a Boat ◆ Creepy Reflections and Floating Finger ◆ Creeping Colours ◆ Make a Diver ◆ Dancing Raisins ◆ How Much Air Can My Lungs Hold? ◆ Dyeing with Red Cabbage, Soap and Vinegar ◆ Water Fountain
<ul style="list-style-type: none"> ◆ A Jar (or glass) of Water ◆ Large Basin of Water ◆ Hot Water (Use a kettle or thermos flask) 	<ul style="list-style-type: none"> ◆ Can You Balance?
<ul style="list-style-type: none"> ◆ Weights 	<ul style="list-style-type: none"> ◆ Motors and Vehicles
<ul style="list-style-type: none"> ◆ Wheels with Holes 	<ul style="list-style-type: none"> ◆ Motors and Vehicles
<ul style="list-style-type: none"> ◆ Wooden Plank ◆ Strips of Wood (for chassis) 	<ul style="list-style-type: none"> ◆ Friction – Slip or Stick? ◆ Motors and Vehicles

