

No.	Items	Details	
STANDARD 6 KIT SET - ANNEX 6			
1	Sail Boat	Making a sail boat, making boat using foam, putting sail on boat. Plastic sheet, rubber foam, thermocol base, plastic straw, iron pins	
2	Hovercraft & Submarine	Making simple hovercraft, studying air properties, making submarine diver, testing density. Plastic circular disc, rubber balloon, plastic cylindrical shap diver	
3	Study of Magnets	Magnetic and Non magnetic materials, Attraction & Repulsion, plotting magnetic lines, compass making. Iron powder, iron needle, paper card sheet, ferromagnetic magnets	
4	Levitatin Pencil	Repulsion is a force, making levitating pencil which levitates and spins. Rectangular rubber foam, ferrormagnetic magnets, pencil, acrylic sheet	
5	Electricity Circuit Board	Study of electrical components, preparing board for making different cirtuits. Plastic battery holders, wires, bulbs, plastic bulb holder, nuts & bolts	

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6	Making Electrical Circuits	Simple circuit, short circuit, use of switch, series and parallel connection. Vinyl base, batteries, plastic rod coated with copper wire, wires	
7	Wind Speed & Anemometer	Making anemometer, estimation of wind velocity, calibration of anemometer. Plastic cups, hard plastic straw, wood tooth pics, plastic beads, plaster of paris	
8	Electric Bell	Magnetic properties of electromagnet, study of solenoid, making of electric bell. Plastic base, iron L brackets, Copper solenoid, iron circle shaped bell, wires, nuts and bolts	
9	Electro Chemical Cell	Lemon as electrolyte, making zinc-copper cell using 4-5 lemons, glow led using lemon cell. Zinc rectangular strips, copper rectangular strips, wires, led	
10	Pin Hole Camera	Study of pin hole, making simple camera, image on screen after applying some amount of oil. Pin hole camera cut out, circle plastic eye piece, butter paper	

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11	Separation Techniques	Mixing oil and water, decanting oil to separate oil from water, dissolution and evaporation. Plastic funnel, beaker, oil, filter paper	
12	Infinite Street Light	Infinite images using 2 parallel mirrors, electrical circuit led, infinite street light model. Paper card board, mirrors, battery holder, led, wire	
13	Dissolution & Crystal Formation	Dissolving solid in solvent, unsaturated and saturated solution, making crystal. Plastic spool, plastic storage holder, alum, copper powder, thread, small plastic bottles	
14	Test for Fat, Protein, Carbohydrate	Testing food article for presence of fat, proteins, carbohydrate. Plastic bowl, iodine solution, sodium hydroxide, copper sulphate, solvent	