

| No. | Items | Details | |
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| STANDARD 7 KIT SET - ANNEX 7 | | | |
| 1 | Respiratory System | Working of diaphragm, working of lung model, measure lung capacity. Cylindrical plastic jar, Plastic Y joint, rubber balloon, rubber band, elastic sheet | |
| 2 | Life Cycle | Making brine solution, grow and observe life cycle of brine shrimp. Brine shrimp eggs, salt, plastic bowl | |
| 3 | Study of Temperature & Humidity | Measuring room temperature, getting wet temperature. Thermometer, cotton | |
| 4 | Acid & Base Test | Testing acids using litmus, testing base using litmus, understanding salts, understand indicator. Litmus paper, phenolphthalein solution, plastic bowl, straw | |
| 5 | Aeroplane Bernoulli's Principle | Curved paper activity, making plastic plane, controls of plane. Corrugated plastic material, rubber band | |

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| 6 | Making DC Generator | Study of dynamo structure, bi pulley - small pulley ratio, making hand generator. Wood base, wood rectangular block, screws, plastic pulley, led, rubber band | |
| 7 | Electric Heater | Making a wire based heater, understand rheostat. Plastic base, plastic rod covered with copper wire, L bracket, wires, iron rod | |
| 8 | DC Motor | Making of electromagnet, making of armature, making and testing DC motor. Iron safety pins, copper wire, ferro magnetic magnets, sand paper, battery | |
| 9 | Formation of Different Bonds | Making simple molecules, hydrogen and oxygen bonds, making water molecule. Clay, wooden sticks, thermocol balls | |
| 10 | Convex & Concave Mirror | Images of concave mirrors, images of convex mirror. Concave and convex mirror | |

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| 11 | Study of Lens | Study of convex lens, images using lens, ray diagram. Glass prism, glass rectangular slab, cardboard box, lenses, torch, pins | |
| 12 | Chemical Changes | Heats of reaction, endothermic and exothermic reaction. Copper turnings, plastic dropper, rubber cork, nitric acid | |
| 13 | Study of Solar Panel | Using solar panel generate energy, converting electrical into mechanical energy, making car base with wheels. Solar panel, plastic wheel, motor, iron rods, wires, vinyl base, crocodile pins | |
| 14 | Working of Solar Car | Making solar car body, fitting panel on the car and see the working. Paper cut out car body | |