

SCIENCE

Unit Test - 1

April

- Chapters : Sources of Food
Objective : Food and nutrients Ingredients of food, sources of food, food habits of animals, food chain
Activity : To show the sprout formation in seeds.
Chapters : Components of food
Objective : Testing for nutrients , Nutrients in some common food item, balanced diet deficiency diseases.
Activity : To check the presence of fat, starch & protein

Unit Test - 2

May

- Chapters : The Body and its movements
Objective : Organisation and structure of the body , Human skeletal system, Joints and movement, Movement in other animals.
Activity : Observe and identify different types of joints.
Chapters : Living Organisms and their surroundings
Objective : Biotic and abiotic components of the environment and their interactions , Habitats and its types, Adaptations
Activity : To show the transpiration in cactus

HALF YEARLY

INCLUDING U.T-1 AND U.T-2 CHAPTERS

July

- Chapters : Fibre to fabrics
Objective : Clothing material - History, types and properties, manufacture and uses of natural and synthetic fibres
Activity : To observe strands in cotton To identify the fibre by observing.
Chapters : Sorting Materials Into groups
Objective : Matter , states of matter , concept and classification of matter , properties of materials
Activity : To identify opaque , transparent and translucent materials by observing.
Chapters : Separation of Substances
Objective : Mixture & pure substances methods of separation, solubility , Importance of water as a solvent.
Activity : To separate a mixture of mud and water by filtration
To make a saturated solution.

August

- Chapters : Changes Around Us
Objective : Reversible and irreversible changes, Physical and Chemical changes
Activity : To show the formation of curd
Chapters : Living and Non Livings
Objective : Common features of living and non living things, Difference between living and non living things, species.
Activity : To show the formation of plant from seed
Chapters : Air Around Us
Objective : The atmosphere , composition of air, Air supports life , The oxygen cycle
Activity : To study the composition of air.
September : Revision of Half Yearly Examination

Unit Test - 3

October

- Chapters : Getting to know plants

Objective : Herbs , shrubs and trees, plant systems, root and stem flower and fruits
 Activity : To show the presence of starch in green leaves
 Chapters : Light, shadow and reflections
 Objective : Importance of light, reflection of light by a plane mirror shadows, Eclipses.
 Activity : To show the rectilinear propagation of light. To make a pinhole camera.

Unit Test - 4

November

Chapters : Electricity and Circuit
 Objective : Electric current conductors and insulators, circuit, Electric cells.
 Activity : To make a simple torch , To test which substance is a conductor and insulator.
 Chapters : Eon with Magnets
 Objective : Magnet, magnetic and non magnetic substances.
 Poles of a magnet , the earth's magnetism making magnets magnetic field,
 uses of magnets.
 Activity : To show the formation of magnet.
 To show the attraction and repulsion of magnet.

ANNUAL TERM

December

Chapters : Water
 Objective : Importance of water, states of water , water cycle, sources of water, Droughts
 and floods, conservation of water.
 Activity : To show the change of state of water
 To show the effect of water on plant grow.-
 Chapters : Garbage in Garbage out
 Objective : Types of waste. Reusing and Recycling waste
 How to reduce waste
 Activity : To show the making of vermicomposting
 To show the making of recycled paper
 Chapters : Measurement and motion
 Objective : Physical quantities , Measurements , Standard units , motion.
 Activity : To show the periodic motion of a simple pendulum

ANNUAL TERM

- * Fiber to Fabric (From Half Yearly)
- * Separation of Substances (From Half Yearly)
- * Changes Around us (From Half yearly)
- * Components of food (From Half Yearly)
- * Betting to know plants
- * Light, shadows and reflections
- * Electricity and Circuits * Fun with magnets
- * Water * Garbage in , Garbage out
- * Measurement and motion.