

CLASS 06th - SCIENCE

1. Food: Where Does It Come From

- Food variety
- Food materials and sources
- Plant parts and animal products as food
- What do animals eat?

2. Components Of Food

- What do different food items contain?
- What do various nutrients do for our body?
- Balanced diet
- Deficiency diseases

3. Fibre To Fabric

- Variety in fabrics
- Fibre
- Some plant fibres
- Spinning cotton yarn
- Yarn to fabric
- History of clothing material

4. Sorting Materials Into Groups

- Objects around us
- Properties of materials

5. Separation Of Substances

- Methods of separation

6. Changes Around Us

- Can all changes always be reversed?
- Could there be other ways to bring a change?

7. Getting To Know Plants

- Herbs, shrubs and trees
- Stem
- Leaf
- Root
- Flower

8. Body Movements

- Human body and its movements
- “gait of animals”

9. The Living Organisms – Characteristics And Habitats

- Organisms and the surroundings where they live
- Habitat and adaptation
- A journey through different habitats
- Characteristics of organisms

10. Motion And Measurement Of Distances

- Story of transport
- How wide is this desk?
- Some measurements

- Standard units of measurements
- Correct measurement of length
- Measuring the length of a curved line
- Moving things around us
- Types of motion

11. Light, Shadows And Reflections

- Transparent, opaque and translucent objects
- What exactly are shadows?
- A pinhole camera
- Mirrors and reflections

12. Electricity And Circuit

- Electric cell electricity to the bulb
- A bulb connected to an electric cell
- An electric circuit
- Electric switch
- Electric conductors and insulators

13. Fun With Magnet

- Magnetic and non-magnetic materials
- Poles of magnet
- Finding directions
- Make your own magnet
- Attraction and repulsion between magnets

14. Water

- How much water do we use?

- Where do we get water from?
- Water cycle
- Back to the oceans
- What if it rains heavily?
- What happens if it does not rain for a long period?
- How can we conserve water?
- Rainwater harvesting

15. Air Around

- IS air present everywhere around us?
- What is air made up of?
- How does oxygen become available to animals and plants living in water and soil?
- How is the oxygen in the atmosphere replaced?

16. Garbage In, Garbage Out

- Dealing with garbage
- Vermicomposting
- Think and throw
- Recycling of paper
- Plastics – boon or a curse?