

# CBSE Class 6 Science Detailed Syllabus 2023-24

## CBSE Class 6 Science Chapter 1: Components of Food

The first chapter of the CBSE Class 6 Science Syllabus deals with the components of food. It discusses the variety of food items we eat when we travel as we cannot eat this variety of items every day.

The importance of proteins, minerals, fats, and carbohydrates is all discussed in this chapter. The table below shows the topics included in Chapter 1: Components of Food.

CBSE Class 6 Science Chapter 1: Components of Food	
1.1	What do different food items contain?
1.2	What do various nutrients do for our bodies?
1.3	Balanced diet
1.4	Deficiency diseases

## CBSE Class 6 Science Chapter 2: Sorting Materials into Groups

The second chapter of the CBSE Class 6 Science Syllabus deals with the objectives around us. It discusses how different types of materials have different purposes. It explains the materials that are soluble in water and the materials that are not soluble in water.

The table below shows the topics included in Chapter 2: Sorting Materials into Groups.

CBSE Class 6 Science Chapter 2: Sorting Materials into Groups	
2.1	Objectives around us
2.2	Properties of materials

## CBSE Class 6 Science Chapter 3: Separation of Substances

The third chapter of the CBSE Class 6 Science Syllabus deals with the separation of substances. It discusses handpicking, winnowing, sieving, sedimentation, decantation, and filtration concepts.

It also explains concepts related to filtration and evaporation. The table below shows the topics included in Chapter 3: Separation of Substances.

CBSE Class 6 Science Chapter 3: Separation of Substances	
3.1	Methods of separation

## CBSE Class 6 Science Chapter 4: Getting to Know Plants

The fourth chapter of the CBSE Class 6 Science Syllabus discusses the plant types that are grouped into herbs, shrubs, and trees based on the branches' height, nature, and stem.

It discusses the root types, such as tap roots and fibrous roots.

The table below shows the topics included in Chapter 4: Getting to Know Plants.

#### CBSE Class 6 Science Chapter 4: Getting to Know Plants

4.1	Herbs, shrubs, and trees
4.2	Stem
4.3	Leaf
4.4	Root
4.5	Flower

#### CBSE Class 6 Science Chapter 5: Body Movements

The fifth chapter of the CBSE Class 6 Science Syllabus discusses the bones and cartilage from the skeleton of the human body. Moreover, it discusses the concepts by which the bone joints and strong muscles help the birds to fly.

The table below shows the topics included in Chapter 5: Body Movements.

#### CBSE Class 6 Science Chapter 5: Body Movements

5.1	The human body and its movements
5.2	“Gait of animals”

#### CBSE Class 6 Science Chapter 6: The Living Organisms and their Surrounding

The sixth chapter of the CBSE Class 6 Science Syllabus discusses the habitat where plants and animals live. It explains the concepts of a wide variety of organisms present in different habitats.

It also discusses specific common characteristics present in living things. The table below shows the topics included in Chapter 6: The Living Organisms and their Surrounding.

#### CBSE Class 6 Science Chapter 6: The Living Organisms and their Surrounding

6.1	Organisms and the surrounding where they live
6.2	Habitat and adaptation
6.3	A journey through different habitats
6.4	Characteristics of organisms

#### CBSE Class 6 Science Chapter 7: Motion and Measurement of Distances

The seventh chapter of the CBSE Class 6 Science Syllabus discusses the different modes of transportation used to go from one place to another. International Systems of Units (SI) is discussed, which is accepted all over the world.

#### CBSE Class 6 Science Chapter 7: Motion and Measurement of Distances

7.1	Story of transport
7.2	How wide is this desk?
7.3	Some measurements
7.4	Standard units of measurements

7.5	Correct measurement of length
7.6	Measuring the length of a curved line
7.7	Moving things around us
7.8	Types of motion

The table below shows the topics included in Chapter 7: Motion and Measurement of Distances.

### CBSE Class 6 Science Chapter 8: Light, Shadows, and Reflections

The eighth chapter of the CBSE Class 6 Science Syllabus discusses opaque and transparent objects, translucent objects, and shadows. It explains how pinhole cameras can be made with simple materials.

The table below shows the topics included in Chapter 8: Light, Shadows, and Reflections.

CBSE Class 6 Science Chapter 8: Light, Shadows, and Reflections	
8.1	Transparent, opaque, and translucent objects
8.2	What exactly are shadows?
8.3	A pinhole camera
8.4	Mirrors and reflections

### CBSE Class 6 Science Chapter 9: Electricity and Circuits

The ninth chapter of the CBSE Class 6 Science Syllabus discusses the electric cell, which is the source of electricity. It explains the materials that allow the electric current to pass through and the materials that do not allow the electric current to pass through.

The table below shows the topics included in Chapter 9: Electricity and Circuits.

CBSE Class 6 Science Chapter 9: Electricity and Circuits	
9.1	Electric cell
9.2	A bulb connected to an electric cell
9.3	An electric circuit
9.4	Electric switch
9.5	Electric conductors and insulators

### CBSE Class 6 Science Chapter 10: Fun with Magnets

The tenth chapter of the CBSE Class 6 Science Syllabus discusses Magnetite, a natural magnet. It explains the north and south magnetic poles and how opposite poles of two magnets attract each other.

The table below shows the topics included in Chapter 10: Fun with Magnets.

CBSE Class 6 Science Chapter 10: Fun with Magnets	
10.1	Magnetic and non-magnetic materials
10.2	Poles of magnet
10.3	Finding directions

10.4	Make your own magnet
10.5	Attraction and repulsion between magnets

### CBSE Class 6 Science Chapter 11: Air Around Us

The eleventh chapter of the CBSE Class 6 Science Syllabus discusses how air is a mixture of nitrogen, oxygen, carbon dioxide, water vapor, and other gases.

The table below shows the topics included in Chapter 11: Air Around US

CBSE Class 6 Science Chapter 11: Air Around Us	
11.1	Is air present everywhere around us?
11.2	What is air made up of?
11.3	How does oxygen become available to animals and plants living in water and soil?
11.4	How is the oxygen in the atmosphere replaced?