

## **CBSE Syllabus for Class 6 Science 2020-21**

The book will have a combination of the chapters from each section – Physics, Biology, and Chemistry. There will be a total of 16 chapters. Each chapter will have practice questions of various types based on the trending exam pattern of the CBSE Syllabus For Class 6 Science.

### **Chapter- Wise Break Down**

The name of the chapters included in the CBSE Syllabus for Class 6 Science

<b>Chapter No</b>	<b>Chapter Name</b>
<b>Chapter 1</b>	Biology- Food: Where Does it Come From?
<b>Chapter 2</b>	Biology- Components of Food
<b>Chapter 3</b>	Chemistry- Fibre to Fabric
<b>Chapter 4</b>	Chemistry- Sorting Materials into Groups
<b>Chapter 5</b>	Chemistry- Separation of Substances
<b>Chapter 6</b>	Chemistry- Changes Around Us
<b>Chapter 7</b>	Biology- Getting to Know plants
<b>Chapter 8</b>	Biology- Body Movements
<b>Chapter 9</b>	Biology- The living organisms and their surrounding
<b>Chapter 10</b>	Motion and Measurement of Distances
<b>Chapter 11</b>	Physics- Light, Shadows and Reflections
<b>Chapter 12</b>	Physics- Electricity, and Circuits
<b>Chapter 13</b>	Physics- Fun With Magnets
<b>Chapter 14</b>	Biology- Water
<b>Chapter 15</b>	Chemistry- Air Around Us
<b>Chapter 16</b>	Biology- Garbage In, Garbage Out

## Topics & Sub Topics Under CBSE Class 6 Science Syllabus

The chapter-wise topics and sub-topics covered in CBSE syllabus for Class 6 Science are as under:

### Chapter 1: Food: Where Does It Come From?

Section Name	Topic Name
1	Food: Where Does it Come From?
1.1	Food Variety
1.2	Food Materials and Sources
1.3	Plant Parts and Animal Products as Food
1.4	Plant parts as food
1.5	What do Animals Eat?

### Chapter 2: Components of Food

Section Name	Topic Name
2	Components of Food
2.1	What do Different Food Items Contain?
2.2	What do Various Nutrients do For Our Body?
2.3	Balanced Diet
2.4	Deficiency Diseases

### Chapter 3: Fibre to Fabric

Section Name	Topic Name
3	Fibre to Fabric
3.1	Variety in Fabrics
3.2	Fibre
3.3	Some Plant Fibres
3.4	Spinning Cotton Yarn
3.5	Yarn to Fabric
3.6	History of clothing material

### Chapter 4: Sorting Materials and Groups

Section Name	Topic Name
4	Sorting materials into groups
4.1	Objects around us
4.2	Properties of materials

## Chapter 5: Separation of Substances

Section Name	Topic Name
5	Separation of substances
5.1	Methods of separation

## Chapter 6: Changes Around Us

Section Name	Topic Name
6	Changes Around us
6.1	Can all changes always be reversed?
6.2	Could there be other ways to bring a change?

## Chapter 7: Getting to Know Plants

Section Name	Topic Name
7	Getting to Know Plants
7.1	Herbs, Shrubs and Trees
7.2	Stem
7.3	Leaf
7.4	Root
7.5	Flower

## Chapter 8: Body Movement

Section Name	Topic Name
8	Body Movements
8.1	Human Body and Its Movements
8.2	Gait of Animals

## Chapter 9: The Living Organisms and Their Surroundings

Section Name	Topic Name
9	The Living Organisms Characteristics and Habitats
9.1	Organisms and The Surroundings Where They Live
9.2	Habitat and adaption
9.3	A journey through different habitats
9.4	Characteristics of organisms

## Chapter 10: Motion and Measurement of Distances

Section Name	Topic Name
10	Motion and Measurement of Distances
10.1	Story of transport
10.2	How wide is this desk?
10.3	Some measurements
10.4	Standard Units of Measurements
10.5	Correct Measurement of Length
10.6	Measuring the length of a curved line
10.7	Moving things around us
10.8	Types of motion

## Chapter 11: Light, Shadows and Reflections

Section Name	Topic Name
11	Light, Shadows and Reflections
11.1	Transparent, opaque and translucent objects
11.2	What exactly are shadows?
11.3	A pinhole camera
11.4	Mirrors and reflections

## Chapter 12: Electricity and Circuits

Section Name	Topic Name
12	Electricity and Circuits
12.1	Electric cell
12.2	A bulb connected to an electric cell
12.3	An electric circuit
12.4	Electric switch
12.5	Electric conductors and insulators

## Chapter 13: Fun with Magnets

Section Name	Topic Name
13	Fun with Magnets
13.1	Magnetic and non-magnetic materials
13.2	Poles of magnet

13.3	Finding directions
13.4	Make your own magnet
13.5	Attraction and repulsion between magnets

### Chapter 14: Water

Section Name	Topic Name
14	Water
14.1	How much water do we use?
14.2	Where do we get water from?
14.3	Water cycle
14.4	Back to the oceans
14.5	What if it rains heavily?
14.6	What happens w it does not rain for a long period?
14.7	How can we conserve water?
14.8	Rainwater harvesting
14.9	Summary

### Chapter 15: Air Around Us

Section Name	Topic Name
15	Air Around us
15.1	Is air present everywhere around us?
15.2	What is air made up of?
15.3	How does oxygen become available to animals and plants living in water and sons?
15.4	How is the oxygen in the atmosphere replaced?
15.5	Summary

### Chapter 16: Garbage In, Garbage Out

Section Name	Topic Name
16	Garbage in, Garbage out
16.1	Dealing with Garbage
16.2	Vermicomposting
16.3	Think and Throw

16.4	Recycling of Paper
16.5	Plastics boon or a curse?
16.6	Summary

### **CBSE Syllabus For Class 6 Science: Section- Wise Explanations**

Here, we will discuss all three sections in detail. The entire syllabus of 6th Class Science i.e. Physics, Chemistry, and Biology are included in one book. You should have the idea about the curriculum which will be followed throughout the whole CBSE Syllabus For Class 6 Science.

**A. Physics:** We are starting with the Physics section as Physics is one of the most important parts of the Science syllabus of any class. The subject begins with the study of Light, Shadows, and Reflections. It introduces the students with the concepts of the same and their applications in real life.

The other section will include Electricity and Circuits, it will apply the principles of power and its sources.

The last Physics chapter will include the study of Magnetism and its concepts. The chapter will talk about the magnetic force and its principles of working. Also, the chapter will introduce students with concepts like the behavior of magnets in various situations.

**B. Biology:** As you know that Biology is the study of living organisms, the biology section will begin with the study of food and its sources. Apart from the food, the biology section will talk about the plants, body movements of the living creatures, the surround and the nature of the living organisms, water, and garbage generation and disposal.

**C. Chemistry:** The chemistry section is the study of the chemicals and their combinations. Here, the students will get the introduction of the basic concepts of Chemistry which will be beneficial for them in higher studies.

The Chemistry section covers the study of fiber, classification of materials, the changes around us caused by the chemicals, the air and the gases, etc. The section will be taught to the students with the help of various formulas, diagrams, and concepts proposed by expert chemists.