

PHASE 1			
Ch. No.	Chapter Name	Subtopics	PT1 portion Total Marks: 40 Duration: 1 hour 30 minutes
1	Food: Where does it come from? *	<ul style="list-style-type: none"> ▪ Food variety ▪ Food materials and sources ▪ Plant parts and animal products as food ▪ What do animals eat? <ul style="list-style-type: none"> ○ Herbivores ○ Carnivores ○ Omnivores ○ Scavengers ○ Decomposers 	Not for assessment
2	Components of Food	<ul style="list-style-type: none"> ▪ What do different food items contain? <ul style="list-style-type: none"> ○ Carbohydrates ○ Proteins ○ Vitamins ○ Minerals ○ Fibres ▪ What do various nutrients do for our body? ▪ Balanced diet ▪ Deficiency diseases 	<ul style="list-style-type: none"> ▪ What do different food items contain? <ul style="list-style-type: none"> ○ Carbohydrates ○ Proteins ○ Vitamins ○ Minerals ○ Fibres ▪ What do various nutrients do for our body? ▪ Balanced diet ▪ Deficiency diseases
5	Separation of Substances	<ul style="list-style-type: none"> ▪ Methods of separation <ul style="list-style-type: none"> ○ Hand picking ○ Threshing ○ Winnowing ○ Sieving ○ Sedimentation, Decantation and Filtration ○ Evaporation ▪ Use of more than one method of separation ▪ Can water dissolve any amount of a substance? 	<ul style="list-style-type: none"> ▪ Methods of separation <ul style="list-style-type: none"> ○ Hand picking ○ Threshing ○ Winnowing ○ Sieving ○ Sedimentation, Decantation and Filtration ○ Evaporation ▪ Use of more than one method of separation ▪ Can water dissolve any amount of a substance?

10	Motion and Measurement of distances	<ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ 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
*Topic excluded/dropped by the CBSE from the Syllabus hence this chapter will not be assessed. Chapter 1: Food: Where does it come from?			

PHASE 2			
Ch. No.	Chapter Name	Subtopics	HYE portion
			Total Marks: 80 Duration: 3 hours
			PT1 portion is included
3	Fibre to Fabric*	<ul style="list-style-type: none"> Variety in fabrics Fibre Some Plant fibres Spinning cotton yarn Yarn to fabric History of clothing material 	Not for Assessment
8	Body Movements	<ul style="list-style-type: none"> Human body and its movements <ul style="list-style-type: none"> Ball and socket joints Pivotal joints Hinge joints Fixed joints Gait of animals <ul style="list-style-type: none"> Earthworm Snail Cockroach Birds Fish How do snakes move? 	<ul style="list-style-type: none"> Human body and its movements <ul style="list-style-type: none"> Ball and socket joints Pivotal joints Hinge joints Fixed joints Gait of animals <ul style="list-style-type: none"> Earthworm Snail Cockroach Birds Fish How do snakes move?
11	Light, Shadows and Reflection	<ul style="list-style-type: none"> Transparent, Opaque and Translucent objects What exactly are shadows? A pinhole camera Mirrors and Reflections 	<ul style="list-style-type: none"> Transparent, Opaque and Translucent objects What exactly are shadows? A pinhole camera Mirrors and Reflections
*Topic excluded/dropped by the CBSE from the Syllabus hence this chapter will not be assessed. Chapter 3: Fibre to Fabric			

PHASE 3			
Ch. No.	Chapter Name	Subtopics	PT2 portion Total Marks: 40 Duration: 1 hour 30 minutes
4	Sorting Materials into Groups	<ul style="list-style-type: none"> Objects around us Properties of materials <ul style="list-style-type: none"> Appearance Hardness Soluble or Insoluble? Objects may float or sink in water Transparency 	<ul style="list-style-type: none"> Objects around us Properties of materials <ul style="list-style-type: none"> Appearance Hardness Soluble or Insoluble? Objects may float or sink in water Transparency
6	Changes Around Us*	<ul style="list-style-type: none"> Can all changes always be reversed? Could there be other ways to bring a change? 	Not for Assessment
7	Getting To Know Plants	<ul style="list-style-type: none"> Herbs, Shrubs and Trees Stem Leaf Root Flower 	<ul style="list-style-type: none"> Herbs, Shrubs and Trees Stem Leaf Root Flower
13	Fun with Magnets	<ul style="list-style-type: none"> How magnets were discovered Magnetic and Non-magnetic materials Poles of magnet Finding directions Make your own magnet Attraction and repulsion between magnets A few cautions 	<ul style="list-style-type: none"> How magnets were discovered Magnetic and Non-magnetic materials Poles of magnet Finding directions Make your own magnet Attraction and repulsion between magnets A few cautions
*Topics excluded/dropped by the CBSE from the Syllabus hence this chapter will not be assessed. Chapter 6: Changes Around Us			

PHASE 4			
Ch. No.	Chapter Name	Subtopics	YE portion Total Marks: 80 Duration: 3 hours
			PT2 portion is included Chapter included from Term 1: • Chapter 11: Light, Shadows and Reflection
9	The Living Organisms and Their Surroundings	<ul style="list-style-type: none"> ▪ Organisms and the surroundings where they live ▪ Habitat and Adaptation ▪ A journey through different habitats <ul style="list-style-type: none"> ○ Some terrestrial habitats ○ Some aquatic habitats ▪ Characteristics of organisms <ul style="list-style-type: none"> ○ Do all organisms need food? ○ Do all organisms show growth? ○ Do all organisms respire? ○ Do all organisms respond to stimuli? ○ Living organisms and excretion ○ Do all organisms reproduce their own kind? ○ Do all organisms move? 	<ul style="list-style-type: none"> ▪ Organisms and the surroundings where they live ▪ Habitat and Adaptation ▪ A journey through different habitats <ul style="list-style-type: none"> ○ Some terrestrial habitats ○ Some aquatic habitats ▪ Characteristics of organisms <ul style="list-style-type: none"> ○ Do all organisms need food? ○ Do all organisms show growth? ○ Do all organisms respire? ○ Do all organisms respond to stimuli? ○ Living organisms and excretion ○ Do all organisms reproduce their own kind? ○ Do all organisms move?
12	Electricity and Circuits	<ul style="list-style-type: none"> ▪ Electric cell ▪ A bulb connected to an electric cell ▪ An electric circuit ▪ Electric switch ▪ Electric conductors and insulators 	<ul style="list-style-type: none"> ▪ Electric cell ▪ A bulb connected to an electric cell ▪ An electric circuit ▪ Electric switch ▪ Electric conductors and insulators
14	Water*	<ul style="list-style-type: none"> ▪ How much water do we use? ▪ Where do we get water from? ▪ Water Cycle <ul style="list-style-type: none"> ○ Disappearing trick of water ○ Loss of water by plants ○ How are clouds formed? ▪ Back to the oceans ▪ What if it rains heavily? ▪ What happens if it does not rain for a long period? 	Not for assessment

		<ul style="list-style-type: none"> How can we conserve water? Rainwater Harvesting 	
15	Air Around Us	<ul style="list-style-type: none"> 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? 	<ul style="list-style-type: none"> 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*	<ul style="list-style-type: none"> Dealing with garbage Vermicomposting Think and Throw Recycling of paper Plastics- Boon or a curse? 	Not for assessment
*Topics excluded/dropped by the CBSE from the Syllabus hence these chapters will not be assessed. Chapter 14: Food: Where does it come from? Chapter 16: Garbage in, Garbage Out			