

SYLLABUS INDICATOR AND EXAM PORTION
CBSE – 2024-25

Subject: Science

Grade: VI

PHASE 1			
Ch. No.	Chapter Name	Subtopics	PT1 portion Total Marks: 40 Duration: 1 hour 30 minutes
1	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
3	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?
7	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

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PHASE 2			
Ch. No.	Chapter Name	Subtopics	HYE portion
			Total Marks: 80 Duration: 3 hours
			PT1 portion is included
5	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?
8	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

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PHASE 3			
Ch. No.	Chapter Name	Subtopics	PT2 portion Total Marks: 40 Duration: 1 hour 30 minutes
2	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
4	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
10	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

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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 8: Light, Shadows and Reflection
6	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?
9	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
11	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?