

**Bharatiya Vidya Bhavan's Public School
(Vidyashram)
Jubilee Hills
2017-2018**

Class: VII

Subject: Science

Year Plan

S.No.	Month	Topic
1.	March/April	NUTRITION IN PLANTS
2.	June	NUTRITION IN ANIMALS MOTION AND TIME
3.	July	HEAT RESPIRATION
4.	August	FIBRE TO FABRIC WATER
5.	September	REVISION AND HALF YEARLY EXAM
6.	October	SOIL PHYSICAL AND CHEMICAL CHANGES FOREST OUR LIFE LINE.
7.	November	ACID, BASES AND SALTS WEATHER CLIMATE&ADAPTATIONS
8.	December	TRANSPORTATION IN PLANTS AND ANIMALS REPRODUCTION IN PLANTS
9.	January	ELECTRIC CURRENTS AND ITS EFFECTS LIGHT
10	February	REVISION FOR II TERM EXAMINATION

Term I syllabus for Assessment

Type of Assessment	Syllabus
Periodic test 1	<ul style="list-style-type: none"> • NUTRITION IN PLANTS • NUTRITION IN ANIMALS
Periodic test 2	<ul style="list-style-type: none"> • MOTION AND TIME • HEAT
Half-Yearly examination	<ul style="list-style-type: none"> • NUTRITION IN PLANTS • NUTRITION IN ANIMALS • MOTION AND TIME • HEAT • RESPIRATION • FIBRE TO FABRIC • WATER

Term II syllabus for Assessment

Type of Assessment	Syllabus
Periodic test 3	<ul style="list-style-type: none"> • ACID, BASES AND SALTS • PHYSICAL AND CHEMICAL CHANGES
Revision test	<ul style="list-style-type: none"> • TRANSPORTATION IN PLANTS AND ANIMALS • WEATHER CLIMATE&ADAPTATIONS
Annual examination	<ul style="list-style-type: none"> • SOIL • PHYSICAL AND CHEMICAL CHANGES • FOREST OUR LIFE LINE. • ACID, BASES AND SALTS • WEATHER CLIMATE&ADAPTATIONS • TRANSPORTATION IN PLANTS AND ANIMALS • ELECTRIC CURRENTS AND ITS EFFECTS • LIGHT • HEAT (Term I syllabus) • RESPIRATION (Term I syllabus)

Lab Activities

Month	Topic	Activity
April/June	Nutrition in plants Nutrition in animals	Observing stomata in leaf peel Starch test
June	Motion and time	Simple pendulum
July	Heat Respiration	Experiment to show three modes of transfer of heat Mechanism of breathing
August	Fibre to fabric	Activity to differentiate between artificial and natural fibres.
October	Soil Physical and chemical changes	To study the different layers of soil. Demonstration of physical and chemical changes.
November	Acids, bases and salts	To test the solution with indicators
December	Transportation in plants and animals Reproduction in plants	Transportation of water through cells Budding in yeast Parts of a flower
January	Electric current and its effects	Electrical circuit Effect of current on a compass needle An electromagnet

