



SANT NANDLAL SMRITI VIDYA MANDIR, GHATSILA  
SESSION 2026 – 27  
YEARLY SYLLABUS - BIOLOGY  
STD VIII



MONTH	WD	No of classes	TOPICS TO BE TAUGHT	ACTIVITIES	LEARNING OUTCOMES	VALUES
APRIL	23	12	The investigative world of science  Discovery and history of cell Diversity in cells Structure of cell	The healthy plate challenge (page 4 from book)  Study of plant and animal cell	Understand the need and importance of science To understand cell as the structural and functional unit of life	Developing scientific temperament Unity in diversity Small things have great value
MAY	08	3	Levels of organization Exercises	_____	_____	_____
JUNE	11	6	Microorganisms Different Classes of micro organisms	To study bacteria, amoeba and paramecium	To be able to define & understand microorganisms	Small things also matter. Don't neglect them.
JULY	26	12	Secret life of microbes around us Nitrogen fixation, microalgae, food contamination Exercises	To draw nitrogen cycle	To understand the harms & benefits of microorganisms in humans & other living things	Small things have great value
AUG	23	9	<b>Health: The ultimate treasure</b> Health is it more than not falling sick? How can we stay healthy? How do we know that we are unwell? Why early attention matters?	Make a daily routine of your exercises	To be able to understand and define the term health & its importance	Health is wealth
SEPT	23	4	Revision for half yearly exams Half yearly exams	_____	_____	_____
OCT	16	10	<b>Health: The ultimate treasure</b> Diseases: Causes & types Prevention & control of diseases Ability of the body to fight diseases Vaccines Treatment of diseases Exercises	Poster on do's and don'ts to stay healthy Awareness poster on some common diseases	To be able to understand and know the common diseases their causes and prevention	Life is important, Value it



SANT NANDLAL SMRITI VIDYA MANDIR, GHATSILA  
SESSION 2026 – 27  
YEARLY SYLLABUS - BIOLOGY  
STD VIII



NOV	19	9	<b>How nature works in harmony?</b> Exploring habitats Population and community Environmental interactions Ecosystems and its types	To visit a garden and note living and non living things.	To make students understand about how nature maintains balance To develop a scientific attitude and responsibility towards nature	Importance of sustainable living
DEC	19	7	<b>How nature works in harmony?</b> Food chain & food web Decomposition & its importance Ecological balance Benefits of ecosystem	To distinguish between natural and man made ecosystem around you.	To recognize the interdependence of living organisms	Concern for environment protection
JAN	20	11	<b>Earth: The living planet</b> The web of life Reproduction and its types Threats to life on Earth How we can protect life	To observe a flower and learn about its parts.	To make them understand about biosphere and its components. To make them understand about types of reproduction.	Respect for all living organisms Importance of clean and healthy environment Remove gender stereotype
FEB	23	6	Revision Annual examination	_____	_____	_____

Subject Teacher: Gurdeep Kaur

Principal