

St. Xaviers School



Syllabus Planner

Class-Div	7	Syllabus 2026-27		
Subject	Biology			
Tr's Name	Neha Davis Thekudan			
Sl. No.	Name of chapter	Topic	Month	Weeks
FIRST SEMESTER				
1	Plant Life	Nutrition - definition and its types	April	3
		Factors affecting photosynthesis		
		Significance of photosynthesis		
		Process of respiration		
		Aerobic and anaerobic respiration		
2	Five Kingdom Classification	Classification- need , advantages and hierarchy of classification	April, May, June	4
		Kingdom Monera - features and useful and harmful bacteria		
		Kingdom Protista - brief study of amoeba - nutrition , locomotion , excretion, respiration and reproduction		
		Kingdom Fungi - features , useful and harmful fungus	June, July	5
		Kingdom Plantae - different plant groups with its characteristics, differences between monocot and dicot plants		
Kingdom Animalia				
3	Health and Hygiene	Allergy and allergens	August	4
		Allergy - causes, symptoms and entry ways		
		Types, prevention and treatment		
REVISION				
SECOND SEMESTER				
4	Tissues	Characteristics of living organisms	Oct	3
		Levels of organisation in a multicellular organism		
		Organ and organ system of animals		
		Organ and organ system of plant		
		Parts of Flowering Plants		
4	Tissues	Plant Tissues	Oct, Nov	3
		Meristematic Tissues - Apical, Intercalary and Lateral Meristems		
		Simple Permanent Tissues - Parenchyma, Collenchyma and Sclerenchyma		
4	Tissues	Complex permanent Tissues - Xylem and Phloem	Nov, Dec	3
		Animal Tissues		
		Epithelial Tissue		
		Connective Tissue - Proper CT, Supportive CT and Fluid CT		
5	Human Body - Excretory System	Muscular Tissue - Skeletal , Cardiac and Smooth Muscle	Dec, Jan	3
		Nervous Tissue - Nervous system - structure		
		Excretion and various organs of excretion		
		Parts of human excretory system		
		Structure and working of Nephron		
6	Human Body - Nervous System	Disorders of excretory system - Symtoms , causes and prevention	Jan, feb	4
		Excretion in Plants - its wastes and their uses		
		Structure of neuron - its parts and functions		
		Types of neuron - according to Function		
		Types of neuron based on presence / absence of myelin sheath		
		CNS - Brain (parts , functions) and spinal cord (functions - Reflex Action)		
Autonomous Nervous System	Feb	2		
Peripheral Nervous System				
REVISION				