

# St. Xavier's School



## Syllabus and Lesson Planner

Class	VIII	Syllabus		
Subject	BIOLOGY			
Ch. No.	Name of Chapter	Topic	Month	Week
1	Transport of food and minerals in plants	Diffusion , osmosis and Active Transport	MARCH	2
		Transpiration	APRIL	2
		Structure and function of xylem and phloem		
		Ascent of sap		
		Micro and Macronutrients		
2	Reproduction in plants and animals	Reproduction and Growth		
		asexual and sexual reproduction in plants	MAY	2
		vegetative [ropagation		
		Main organs of male reproductive system		
3	Ecosystem	Sexual reproduction in animals		
		Biotic and Abiotic components	JUNE	4
		Interdependence between organisms	JULY	
		Forest Ecosystem - Flora and Fauna		
4	Health and Hygiene	Food chain ,Ffood Web and Pyramid of Numbers		
		Health and Hygiene	AUGUST	
		communicable and non communicable disease		
		vaccination and immunisation	SEPT	
	Revision of first semester syllabuS	Harmful effect of tobacco, drugs and alcohol		
		REVISION		
5	HUMAN BODY---- (Circulatory System )	09th september TO 21st SEPT		
		Internal structure and schematic diagram of heart	SEPT	1
		Blood and Blood Vessels	OCT	3
		Double Circulation and Blood Groups		
5	HUMAN BODY----- (Nervous System/ Endocrine System)	Lymphatic System and conditions related to the heart		
		Types of Nerves- Motor , Sensory and Mixed	NOV/DEC	3
		Central Nervous System - brain and spinal cord		
		Reflex Action - simple and conditioned		
		endocrine system --- location of endocrine glands in the body		
6	Food Production	Hormones produced by different glands and their functions.		
		Bacteria andFungus ( uses in food industry)	JAN/FEB	3
		Agriculture and Horticulture		
		Organic Farming, White Revolution and Green Revolution		
		Animal Husbandry - Pisciculture ,Poultry farming		
	Revision of second semester syllabus	Sericulture and Apiculture		
		SECOND SEMESTER -10th FEB-22nd FEB		