

# St. Xavier's School



## Syllabus and Lesson Planner

Class	4	<b>Syllabus</b> SESSION 2026- 2027		
Subject	SCIENCE		Month	Week
Tr's Name	KAHKASHAN NIYAZ			
Ch. No.	Name of Chapter	Topic	Month	Week

### FIRST SEMESTER

1	FOOD WE EAT	NEED OF FOOD	APRIL	3
		NUTRIENTS AND THEIR TYPE		
		WATER AND ROUGHAGE		
		BALANCED DIET		
2	THE TEETH	TEETH AND ITS IMPORTANCE	APRIL + MAY	1+2
		MILK AND PERMANENT TEETH		
		KINDS OF TEETH		
		STRUCTURE OF A TOOTH AND IT'S CARE		
		FOOD FOR HEALTHY GUMS AND TEETH		
5	ADAPTATION IN PLANTS	NEED FOR ADAPTATION IN PLANTS	JUNE + JULY	2+2
		EXAMPLES OF ADAPTATION OF PLANTS ON LAND		
		EXAMPLES OF ADAPTATION OF PLANTS IN WATER		
		EXAMPLES OF ADAPTATION OF PLANTS IN HILLY AREA		
		EXAMPLES OF ADAPTATION OF PLANTS IN DESERT		
6	PLANTS IN SURROUNDINGS AND ENVIRONMENT	PARTS OF PLANTS AND THEIR USES	JULY	2
		ROOTS: ITS KINDS AND FUNCTION.		
		SHOOT: FUNCTION OF THE STEM		
		FUNCTION OF LEAF		
		IODINE TEST FOR STARCH IN LEAVES		
7	AIR	PLANT PRODUCTS	AUGUST	1
		PROPERTIES OF AIR		
		COMPOSITION OF GASES		
		PROCESS OF BREATHING AND BURNING		
9	LIGHT	CAUSES OF AIR POLLUTION	AUGUST	2
		SOURCES OF LIGHT AND IT'S EXAMPLE		
		NATURAL AND ARTIFICIAL LIGHT		
		PROPERTIES OF LIGHT		
		TRANSPARENT, TRANSLUCENT, OPAQUE-OBJECT AND USE		
10	MEASUREMENT	FORMATION OF SHADOW	SEPTEMBER	1
		NEED FOR MEASUREMENTS		
		EXAMPLES OF MEASUREMENTS IN DAILY LIFE		
		MEASURING INSTRUMENTS		
		USES OF MEASURING INSTRUMENTS		
		REVISION	SEPTEMBER	1

### SECOND SEMESTER

3	THE DIGESTIVE AND EXCRETORY SYSTEMS	DIGESTIVE SYSTEM: INSIDE MOUTH	OCTOBER	3
		DIGESTIVE SYSTEM: INSIDE STOMACH		
		DIGESTIVE SYSTEM: INSIDE SMALL INTESTINE		
		EXCRETORY SYSTEM: THE URINARY SYSTEM		
4	ADAPTATION IN ANIMALS	ADAPTATION IN ANIMALS	NOVEMBER	3
		NEED FOR ADAPTATION IN ANIMALS		
		REASONS OF ADAPTATION		
		TERRESTRIAL, AERIAL, ARBOREAL, AMPHIBIAN AND HERBIVORES, OMNIVORES, CARNIVORES		
		CARE AND CONCERN FOR ANIMALS		
8	MATERIALS AND SOLUTIONS	SOLUTE, SOLVENT, SOLUTION.	EMBER + JANU	3+1
		SOLUBLE AND INSOLUBLE SUBSTANCES		
		SEDIMENTATION, DECANTATION		
		FILTRATION AND EVAPORATION		
11	PUSH AND PULL	PUSH AND PULL DIFFERENCE AND EXAMPLE	JANUARY	3
		FORCE: MEANING AND EFFECT		
		MUSCULAR, GRAVITATIONAL, FRICTIONAL, MAGNETIC		
12	FRICTION AS A FORCE	FRICTION - MEANING AND CONCEPT	FEBRUARY	3
		WAYS TO REDUCE FRICTION		
		USES AND HARMFUL EFFECTS OF FRICTION		
		EXAMPLES OF FRICTION		
		REVISION	FEBRUARY	1