B K BIRLA CENTRE FOR EDUCATION, PUNE.

Science Annual & Weekly Syllabus Split-Up - 2025-26

Class : Grade VII Subject - Biology Teacher - Mrs.Shobha Tengli

				Cla	ass: Grade VII	Subject - Biolog	Teacher - Mrs.Shobha Tengli								
S.No	Month	No. of Worki ng Days		No. of Days	Торіс	Sub Topic	Resources	Activity	Mid April Test			Mid Term	Periodic Test 2	Post Mid term	Annual
1			Week 1	5	C-1 .NUTRITION IN PLANTS.	Introduction	Text book, PPT, Notes,google								
			Week 2	5		Autotrophic mode of nutrition	Text book, PPT, Notes,google								
	Apr-25	23	Week 3	4		Photosynthesis, study of stomata.	Text book, PPT, Notes,google	Observation of stomata.							
			Week 4	6		Heterotrophic mode of nutrition.	Text book, PPT, Notes,google								
			Week 5	3		Insectivorous plants, Saprophytic plants,	Text book, PPT, Notes,google		April Test 1 Term Mid Term 2 Periodic Test 2 Post Mid Term 2 P						
			Week 1	0											
2		-	Week 2	6	Recapitulation ,symbiotic plants, Parasitic plants. Text book, PPT, Notes,google study of spec :lichens,pitch cuscuta	study of specimen :lichens,pitcher plant and cuscuta									
	Jun-25	Week 4 6 C-2.NUTRITION IN Modes of nutrition in animals, Holozoic Study Week 4 6 ANIMALS Intrinsic Holozoic nutrition in american Animals (Holozoic nutrition) Nutrition in american american study	Week 3	6		Replenishment of nutrients in soil.Exercise	Text book, PPT, Notes,google								
			study of specimen :lichens,pitcher plant and cuscuta												
			Week 5	1	PT-1	REVISION				\					
3			Week 1	5	PI-1	REVISION				\					
	Jul-25	27	Week 2	6		Nutrition in human beings,The human digestive system Teeth,The human digestive system,problems of digestive system.	Text book, PPT, Notes,google	Study of human dental set,							
	Jui-25	27	Week 3	6		Nutrition in(ruminants)grass eating Animals,Exercise	Text book, PPT, Notes,google	Making of human respiratory system							
			Week 4	6	C-6. RESPIRATION IN	Respiration, types ,Human respiratory system,	Text book, PPT, Notes,google								
			Week 5	4	ORGANISMS	mechanism of Respiration : breathing,Exchange of	Text book, PPT, Notes,google								
4			Week 1	2	Pre Mid Term	REVISION									
			Week 2	5	Pre Mid Term	REVISION					\				
	Week 3 5 C-6. RESPIRATION IN ORGANISMS Keeping the respiratory system healthy, Breathing in other animals Respiration in plants, Exercise.	Text book, PPT, Notes,google													
			Week 4	6		Transportation in living organisms, human Circulato	Text book, PPT, Notes,google	Study of human Heart using Model.							
			Week 5	5	C-7. TRANSPORTATION IN ANIMALS.	Excretion :in living organisms, Human excretory system, Link between organ systems. Excercise.	Text book, PPT, Notes,google								

			Week 1	5	Term 1	REVISION				✓											
		•	Week 2	6	Term 1	REVISION				1											
5	SEPTEMBER	25	Week 3	6	C-7. TRANSPORTATION IN ANIMALS.	Maintaining a healthy heart and kidneys.	Text book, PPT, Notes,google														
			Week 4	6		Excercise.	Text book, PPT, Notes,google														
		-	Week 5	2	C-8. TRANSPORTATION IN PLANTS	Transport system in plants.Ascent of sap, Translocation	Text book, PPT, Notes,google	Expt to show xylem transports water in plants.													
			Week 1	3	C-8. TRANSPORTATION IN	Excretion in plants.	Text book, PPT, Notes,google	observing plant products like gum,resin,latex,etc.													
		ŀ	Week 2	6	PLANTS	Exercise	Text book, PPT, Notes,google														
6	OCTOBER	13	Week 3	4	1	Exercise	Text book, PPT, Notes,google														
			Week 4	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google														
			Week 5	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google														
			Week 1	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google														
			Week 2	5	PT-2	REVISION					1										
	NOVEMBER		Week 3	6	PT-2	REVISION					7										
7		23	Week 4	6	C-9. ASEXUAL	Reproduction in organisms, comparison between Asexual and sexual reproduction.	Text book, PPT, Notes,google				.7										
			Week 5	6		Asexual mode of reproduction: Budding,Fragmenta	Text book, PPT, Notes,google														
			Week 1	6	C-9. ASEXUAL REPRODUCTION IN PLANTS	Spore formation, Vegetative propogation in plants,	Text book, PPT, Notes,google	Expt of growing fungus on bread.													
			Week 2	6		Artificial propogation, its advantages and disadvantages, Exercise	Text book, PPT, Notes,google														
8	DECEMBER	20	Week 3	6	C-10.SEXUAL	Flower : its structure and its parts and its types.	Text book, PPT, Notes,google														
		•	Week 4 2	2		Sexual reproduction in plants.Pollination and types	Text book, PPT, Notes,google	Growth of pollen tube on slide													
									-	Week 5	0	Winter vacation	Winter vacation								
			Week 1	0	Winter vacation	Winter vacation															
			-		•	•	-	-	•		-	Week 2	6		Recapitulation of Sexual reproduction in plants. Pollination and types and Agents of pollination.	Text book, PPT, Notes,google					
10	JANUARY	22	Week 3 5	5	C-10.SEXUAL REPRODUCTION IN PLANTS	Fertilization	Text book, PPT, Notes,google														
			Week 4	6		Development of fruits and seeds		Germination of seeds				✓									
					Week 5	5	Post mid term	REVISION						✓							

9		23	23											Week 1	6	C-10.SEXUAL	Dispersal and germination of seeds.	Text book, PPT, Notes,google										
									Week 2	6	REPRODUCTION IN PLANTS EX	Exercise.	Text book, PPT, Notes,google															
	FEBRUARY			Week 3	5	REVISION	REVISION																					
				Week 4	6	REVISION	REVISION																					
				Week 5	0																							
10		22	22		Week 1	5	ANNUAL EXAM	REVISION																				
				Week 2	6	ANNUAL EXAM	REVISION					1																
	MARCH			22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	Week 3	5	ANNUAL EXAM	REVISION					✓
																Week 4	5	ANNUAL EXAM	REVISION					✓				
																			Week 5	1								

Subject Teacher Science HOD Sr. Coordinator Dean