B K BIRLA CENTRE FOR EDUCATION, PUNE.

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

Class : Grade VII Subject - Biology Teacher - Mrs.Ishita Sen

	Class: Grade VII					Subject - Bio	Teacher - Mrs.Ishita Sen																						
S.No	Month	No. of Worki ng Days		No. of Days	Торіс	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Mid term	Annual														
1			Week 1	5		Introduction	Text book, PPT, Notes,google																						
			Week 2	5	C-1 .NUTRITION IN PLANTS.	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																						
			Week 1	0																									
2			Week 2	6	C-1 .NUTRITION IN PLANTS.	Recapitulation ,symbiotic plants, Parasitic plants.	Text book, PPT, Notes,google	study of specimen :lichens,pitcher plant and cuscuta																					
	Jun-25	19	Week 3	6		Replenishment of nutrients in soil.Exercise	Text book, PPT, Notes,google																						
		Ī	Week 4	6	C-2.NUTRITION IN ANIMALS.	Modes of nutrition in animals, Holozoic nutrition (Holozoic nutrition), Nutrition in amoeba.	Text book, PPT, Notes,google	study of specimen :lichens,pitcher plant and cuscuta																					
			Week 5	1	PT-1	REVISION				✓																			
3			Week 1	5	PT-1	REVISION				\																			
	Jul-25	27	Week 2	6	C-2.NUTRITION IN ANIMALS.	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,																					
	3ul 25	2,	Week 3	6		Nutrition in(ruminants)grass eating Animals,Exercise	Text book, PPT, Notes,google																						
		Wook 4 6	Making of human respiratory system																										
			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					\																		
	Aug-25	23	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	6		Transportation in living organisms, human Circulate	Text book, PPT, Notes,google	Study of human Heart using Model.																					
								•	•	-			-						-	Week 5	5	Excretion :in living organisms, Human excretory system, Link between organ systems. Excercise.	Text book, PPT, Notes,google						

March M	_	1				1	T			 									
No.	5			Week 1	5	Term 1	REVISION			\									
Septimode Sept			•	Week 2	6	Term 1	REVISION			7									
		SEPTEMBER	25	Week 3	6		Maintaining a healthy heart and kidneys.	Text book, PPT, Notes,google											
				Week 4	6	ANIMALS.	Excercise.	Text book, PPT, Notes,google											
			•	Ī		•	Week 5	2			Text book, PPT, Notes,google								
Very Note			13	Week 1	3	C 9 TRANSPORTATION IN	Excretion in plants.	Text book, PPT, Notes,google											
				Week 2	6		Exercise	Text book, PPT, Notes,google											
Week 5	6	OCTOBER		Week 3	4	1	Exercise	Text book, PPT, Notes,google											
Week 1 0 DIWALI BRAX DIWALI BREAK Text book, PPT, Notes, google				Week 4	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google											
NOVEMBER 23 NOVEMBER 24 Week 2 5 7F-2 REVISION Week 3 6 PT-2 REVISION Week 4 6 C-9. ASTXUAL Reproduction in organisms, comparison between 1 feet book, PPT, Notes,google Ascauland seval and				Week 5	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google											
NOVEMBER 23	7				Week 1	0	DIWALI BREAK	DIWALI BREAK	Text book, PPT, Notes,google										
November 23				Week 2	5	PT-2	REVISION				7	7							
Week 4 6 C.9. ASEXUAL ASexual mode of reproduction: Budding, Fragmental Text book, PPT, Notes, google C.9. ASEXUAL		NOVEMBER		Week 3	6	PT-2	REVISION				_	/	-						
Week 1 6 Week 2 6 Poor formation, Vegetative propogation in plants. DECEMBER 20 Week 3 6 C-10.SEXUAL Week 4 2 REPRODUCTION IN PLANTS Week 5 0 Winter vacation Fertilization of Sewal reproduction in plants. Pollination and types and Agents of pollination. Text book, PPT, Notes,google Growth of pollen tube on slide Fertilization Text book, PPT, Notes,google C-10.SEXUAL REPRODUCTION IN PLANTS Week 3 5 REPRODUCTION IN PLANTS Week 3 5 REPRODUCTION IN PLANTS Week 4 6 Development of fruits and seeds Germination of seeds			23	Week 4	6	C-9. ASEXUAL		Text book, PPT, Notes,google											
A				Week 5	6	REPRODUCTION IN PLANTS	Asexual mode of reproduction: Budding,Fragmenta	Text book, PPT, Notes,google											
BECEMBER 20 Week 2 6 REPRODUCTION IN PLANTS Artificial propogation, its advantages and disadvantages, Exercise Text book, PPT, Notes,google Week 3 C-10.SEXUAL REPRODUCTION IN PLANTS Sexual reproduction in plants. Pollination and types Text book, PPT, Notes,google Week 5 Week 5 Week 1 Week 2 Week 1 Week 2 Text book, PPT, Notes,google Growth of pollen tube on slide Winter vacation Winter vacation Winter vacation Winter vacation Winter vacation Winter vacation Recapitulation of Sexual reproduction in plants. Pollination and types and Agents of pollination. Text book, PPT, Notes,google Growth of pollen tube on slide Text book, PPT, Notes,google Development of fruits and seeds Text book, PPT, Notes,google Growth of pollen tube on slide Text book, PPT, Notes,google Growth of pollen tube on slide Text book, PPT, Notes,google Growth of pollen tube on slide Text book, PPT, Notes,google Development of fruits and seeds				Week 1	6			Text book, PPT, Notes,google											
B DECEMBER 20 Week 3 6 C-10.SEXUAL REPRODUCTION IN PLANTS 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 Winter vacation Winter vacation Winter vacation Winter vacation Week 1 0 Winter vacation Winter vacation Recapitulation of Sexual reproduction in plants. Pollination and types and Agents of pollination. 10 JANUARY 22 Week 3 5 REPRODUCTION IN PLANTS Week 4 6 Development of fruits and seeds Germination of seeds				Week 2	6			Text book, PPT, Notes,google											
Week 4 2 REPRODUCTION IN PLANTS 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 C-10.SEXUAL REPRODUCTION IN PLANTS Week 3 5 REPRODUCTION IN PLANTS Week 4 6 Development of fruits and seeds Germination of seeds	8	DECEMBER	20	Week 3	6	C-10.SEXUAL	Flower: its structure and its parts and its types.	Text book, PPT, Notes,google											
Week 1 0 Winter vacation Winter vacation Week 2 6 Week 3 5 C-10.SEXUAL REPRODUCTION IN PLANTS Week 4 6 Development of fruits and seeds Week 3 5 Development of fruits and seeds			•	Week 4	2		Sexual reproduction in plants.Pollination and types	Text book, PPT, Notes,google	Growth of pollen tube on slide										
Week 2 6 Week 2 6 Week 3 5 Week 4 6 Week 4 6 Week 4 6 Week 3 5 Week 4 6 Week 5 6 Week 6 C-10.SEXUAL REPRODUCTION IN PLANTS Recapitulation of Sexual reproduction in plants. Pollination and types and Agents of pollination. Text book, PPT, Notes,google Fertilization Text book, PPT, Notes,google Development of fruits and seeds			-				-			Week 5	0	Winter vacation	Winter vacation						
Week 2 6 Week 2 6 Week 3 5 C-10.SEXUAL REPRODUCTION IN PLANTS Week 4 6 Pollination and types and Agents of pollination. Fertilization Text book, PPT, Notes,google Development of fruits and seeds	10			Week 1	0	Winter vacation	Winter vacation												
Week 3 5 REPRODUCTION IN PLANTS Week 4 6 Development of fruits and seeds Germination of seeds				-			•	Week 2	6			Text book, PPT, Notes,google							
		JANUARY	22	Week 3	5		Fertilization	Text book, PPT, Notes,google											
Week 5 5 Post mid term REVISION				Week 4	6	1	Development of fruits and seeds		Germination of seeds			√							
				Week 5	5	Post mid term	REVISION					1							

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

Subject Teacher Science HOD Sr. Coordinator Dean