

DELHI PUBLIC SCHOOL MATHURA ROAD, NEW DELHI
FORTNIGHTLY BREAK-UP OF SYLLABUS
BIOLOGY CLASS VIII (2018-19)

S.NO.	FORTNIGHTS	NO. OF DAYS	MAIN TOPIC	SUB TOPICS	NO. OF PERIODS PER TOPIC	NO. OF BIO PERIODS	ASS. DATE	LAB ACTIVITY
1	2nd April - 13th April	11 days	CH. 1 CROP PRODUCTION AND MANAGEMENT	Agricultural Practices, Preparation of soil, Agricultural implements, sowing, Adding manure and fertilizers	2 2 2	6		To study different types of agricultural implements.(5)
2	16th April- 27th April	11 days	CH. 1 CROP PRODUCTION AND MANAGEMENT	Irrigation, traditional methods / Modern methods of irrigation, Protection from weeds, Harvesting	2 2 2	6		
3	1st May - 18th May	14 days	CH.2 MICROORGANISMS FRIEND AND FOE	Storage, food from animals, Types of microorganisms. Their habitat, Microorganisms and Us upto medicinal use.	2 2 2 3	9		
Unit Test Schedule- 7th May- 30th July'18 (ALL SUBJECTS)								
PTM on 12th May 2018								
Summer vacation -19th May to 1st July 2018								

4	2nd July -13th July	10 days	CH.2 MICROORGANISMS- FRIEND AND FOE	Vaccine,Increasing soil fertility,Cleaning environment,Harmful microorganisms, Diseases in human beings,animals and plants,food poisoning,Food preservation and REVISION FOR FIRST PERIODIC TEST	2 2 2	6	3.7.18 (5)	To observe activity of yeast in juice or wheat flour (5)
PERIODIC TEST 1- SCIENCE ON 16.7.18 SYLLABUS- CH. 1 CROP PRODUCTION AND MANAGEMENT CH.2 MICROORGANISM-FRIEND AND FOE : BIO MARKS-16								
5	16th July - 31st July	13 days	CH. 7 CONSERVATION OF PLANTS AND ANIMALS	Nitrogen fixation and nitrogen cycle, Deforestation ; its causes & consequences ,Conservation of forest and wildlife	2 2 2 2	8		
6	1st August-18th August	13 days	CH. 7 CONSERVATION OF PLANTS AND ANIMALS	Biosphere reserve,Flora and Fauna,Endemic species,National Park,Wildlife Sanctuary, Endangered animals, Ecosystem, Red data book, Migration, Recycling of paper, Reforestation	2 2 2 2	8		
7	20th August-4th September	10 days	Ch 8- CELL- STRUCTURE AND FUNCTIONS	Discovery of the cell, The cell,The Number of cells, Shape of cells, Size of cells,Cell Structure & function	2 2 2	6	21.8.18 (5)	
Completion of Syllabus-4th Sept.2018								
Course completion Certificate to be submitted by Reps and HOD's on 5th Sept.2018								

Revision 6th Sept. to 11th Sept.2018 (5 days)								
Mid Term Exams-12th Sept. - 22nd Sept. 2018								
SYLLABUS CH. 1 CROP PRODUCTION AND MANAGEMENT CH. 2 MICROORGANISMS-FRIEND AND FOE CH. 7 CONSERVATION OF PLANTS AND ANIMALS, Ch 8- CELL- STRUCTURE AND FUNCTIONS : Till Cell Structure & function (BIO MARKS-26)								
PTM-13th October, 2018								
8	24th Sept- 17th Oct.	17 days	Ch 8- CELL- STRUCTURE AND FUNCTIONS	Cell membrane, Cytoplasm, Nucleus, Concept of prokaryotic and eukaryotic cells,Differences between the strucures of plant and animal cells with neat labelled diagrams	2 2 3 3	10	4.10.18 (5)	To observe plant and animal cells with the help of onion peel cells and cheek cells (5)
Dusshera Break-18th Oct.-21st Oct.2018								
9	22nd Oct.-3rd Nov.	10 days	CH 9- REPRODUCTION IN ANIMALS	Modes of reproduction,Sexual reproduction,Male reproductive organs, Female reproductive organs	2 2 2	6		
Diwali Break - 5th Nov.-11th Nov.2018								
10	12th Nov.- 30th Nov.	13 days	CH9-REPRODUCTION IN ANIMALS	Fertilisation and its types, Development of embryo, Viviparous and oviparous animals and REVISION FOR SECOND PERIODIC TEST ,	2 2 2 2	8	20.11.18 (5)	
Unit Test Schedule 30th Nov'18.-21st Jan'2019(ALL SUBJECTS)								
PERIODIC TEST 2- SCIENCE- 30.11.18 SYLLABUS- Ch 8- CELL- STRUCTURE AND FUNCTIONS : Cell membrane, Cytoplasm, Nucleus, prokaryotic and eukaryotic cells, plant and animal cells CH 9- REPRODUCTION IN ANIMALS ; Till viviparous and oviparous animals : BIO MARKS-16								
11	3rd Dec- 15th Dec.	11 days	CH 9- REPRODUCTION IN ANIMALS	Young ones to adults,Asexual reproduction-	2 2 2	6		To study life cycle of frog/insect (5)

12	17th Dec.- 29th Dec.	10 days	CH 9- REPRODUCTION IN ANIMALS	Asexual reproduction-budding and binary fission	2 2 2	6		
Winter Break-31st Dec. 2018- 9th Jan. 2019								
13	10th Jan-25th Jan'19	12 days	CH10- REACHING THE AGE OF ADOLESCENCE	Adolescence, Puberty, Changes at puberty	2 2 3	7		
14	28th Jan.-8th Feb'19	10 days	CH10- REACHING THE AGE OF ADOLESCENCE	Secondary sexual characters, Role of hormones in initiating reproductive function, Reproductive phase of life in humans	2 2 2	6		To make a project on adolescence/bala nced diet/reproductive health (5)
15	11th Feb.- 20th Feb'19	9 days	CH10- REACHING THE AGE OF ADOLESCENCE	Sex determination in human beings, Hormones other than sex hormones, Role of hormones in insects and frog, Reproductive health	2 2 2	6		
Completion of Syllabus by 20th Feb 2019								
Course completion Certificate to be submitted by Reps & HOD's on 21st Feb.2019								
Revision - 21st Feb - 28th Feb 2019 (7 Days)								
Annual Exams-1st March -15th March 2019								
SYLLABUS FOR FINAL EXAM : Ch 8- CELL- STRUCTURE AND FUNCTIONS : Cell membrane, Cytoplasm, Nucleus, prokaryotic and eukaryotic cells, plant and animal cells CH 9- REPRODUCTION IN ANIMALS, CH 10- REACHING THE AGE OF ADOLESCENCE (BIO MARKS-26)								
PTM on 30th March 2019								
New Session to begin on 1st April 2019								