

DELHI PUBLIC SCHOOL - MATHURA ROAD

FORTNIGHT BREAKUP

BIOLOGY CLASS X (2018-19)

S.NO.	FORTNIGHTS	NO. OF DAYS	MAIN TOPIC	SUB TOPICS	NO. OF PERIODS PER TOPIC	NO. OF BIO PERIODS	ASS. DATE/ CT	ACTIVITY
1	19th March - 28th March	8 days	Ch. 6. Life Processes	Introduction, Autotrophic nutrition - Photosynthesis, Activities.	1 3	4		
2	2nd April - 13th April	11 days	Ch. 6. Life Processes	Activities contd. , Hetrotrophic nutrition in unicellular organisms, Nutrition in human beings.	1+1 4	6	Ass. 1 04/04/2018	Leaf peel slide preparation.
3	16th April - 27th April	11 days	Ch. 6. Life Processes	Introduction to respiration, Respiration - Aerobic and anaerobic, Respiration in human beings.	1+1+1 3	6		Respiration
4	1st May - 18th May	14 days	Ch. 6 Life Processes	Activities related to respiration, Transport in plants, Transport in human beings- blood, blood vessels, Heart, circulation.	2+ 2 4	8	Class Test 01/05/2018	
PTM on 12th May 2018								
5	21st May - 25th May	5 days	Ch. 6 Life Processes	Excretion in plants, Excretion in human beings.	1+2	3		

Completion of syllabus 25th May 2018

Summer Vacation -26th May to 28th June 2018

Pre Mid Term Exams - 29th June - 9th July 2018

PTM 28th July 2018

6	10th July - 31st July	16 days	Ch. 7 Control and Coordination	Control and Coordination in plants, Plant movements.Hormonal coordination in animals,Nervous Coordination in animals introduced.	2+2 3 2	9		
7	1st August-18th August	13 days	Ch. 7 Control and Coordination	Nerves, synapse,brain, spinal cord, reflex actions.	1+1+2+2+1	7	Ass. 2 02/08/2018	
8	20th Aug - 4th Sept.	10 days	Ch. 8 - How Do Organisms Reproduce?	Reproduction , Importance of DNA copying, Variations. Asexual Reproduction - Features, Types with suitable diagrams & examples	2 4	6		Binary Fission & Budding

Completion of syllabus - 4th. Sept.2018

Revision 6th Sept - 11th Sept 2018 (5 days)

MID TERM EXAMS 12th Sept - 22nd Sept 2018

PTM ON 13th October

Syllabus: Ch 6,7 & Ch. 8 till Asexual Reprd.

Expts. Leaf peel, Respiration, Binary fission and budding

9	24th Sept-17th Oct.	17 days	Ch. 8 - How Do Organisms Reproduce?	Sexual Reproduction in Plants - Flower parts, functions diagram, Pollination, Fertilization, Post fertilization changes, Seed & its parts, Germination, Diagrams. Sexual Reproduction in Human beings - Male ,Female Reproductive Systems	3 3 3	9	Ass 3 15/10/2018	Parts of Seed
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DUSSHERA BREAK 18th October - 21 st October 2018

10	22nd Oct.-3rd Nov.	10 days	Ch. 8 - How Do Organisms Reproduce? Ch.9 - Heredity and Evolution	Reproductive Health and Birth Control.Introduction to Heredity and evolution upto monohybrid Cross.	2 2 2	6		
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Diwali Break 5th November - 11th November 2018

11	12th Nov.-30th Nov.	13 days	Ch.9 - Heredity and Evolution	Dihybrid Cross, Sex determination, Acquired and inherited Characters, Speciation, Evolution in stages.Evidences of evolution - Homologous, Analogous organs and from fossils, Artificial Selection	3 2 1+1	7		
12	3rd Dec.-15th Dec.	11 days	Ch.9 - Heredity and Evolution Ch. 15 - Our Environment.	Evolution & Progress, Human Evolution. Types of wastes, Components of environment, Food chains, Food Webs, Flow of energy, Ozone, Management of wastes.	2 2 2	6		

Completion of syllabus - 15th. Dec.2018

Revision 17th -19th Dec.2018 (3 days)

Pre Board Exams 20th Dec - 14th Jan 2019

Winter Break-31st Dec. 2018- 9th Jan. 2019

PTM on 28th Jan 2019

Syllabus: Ch 6,7 8, 9 & 15

Expts. Leaf peel, Respiration, Binary fission & budding, Parts of seed.

13	15th Jan - 31st Jan	12 days	CBSE sample papers					
14	1st Feb - 15 th Feb	11 days	Revision					