

DELHI PUBLIC SCHOOL MATHURA ROAD							
FORTNIGHTLY SYLLABUS BREAKUP							
CLASS IX - PHYSICS							
SESSION 2018-2019							
S.No	Fortnights	No. of days	Chapter	Sub Topics	Approx No. of periods	Total pds	Assign Date
1	2nd April - 13th April	11	Ch 8 - Motion	Introduction	1	6	
				Concept of rest & motion	1		
				Distance & Displacement	2		
				Uniform & Non Uniform Motion	1		
				Speed & Velocity & related numerical	1		
2	16th April - 27th April	11	Ch 8 - Motion (contd)	Scalars & Vectors	1	6	
				Average speed & related numerical	2		
				Average Velocity & related numerical	1		
				Acceleration & retardation	1		
				Distance - Time Graphs	1		
3	1st May - 18th May	14	Ch 8 - Motion (contd)	Velocity - Time graphs	2	7	
				Area under V-T graph	2		
				Graphical Derivation of equations of motion	3		
<b>PTM : 12th May 2018</b>							
4	21st May - 25th May	5	Ch 8 - Motion (contd)	Block Teaching - Uniform circular Motion	2	2	
<b>Completion of Syllabus : 25th May 2018</b>							
<b>Summer Vacation : 26th May to 28th June 2018</b>							
<b>Pre Mid Term Exams : 29th June - 9th July 2018</b>							
5	10th July - 31st July	16	Ch 9 - Force and Laws of Motion	Balanced & Unbalanced forces	1	8	
				Newtons First Law of Motion & applications	2		
				Inertia & Mass	1		
				Momentum & numerical	2		
				Newton's Second law of motion & numerical	2		
<b>PTM : 28th July 2018</b>							
6	1st Aug - 18th Aug	13	Ch 9 - Force and Laws of Motion (contd) Ch10 - Gravitation	Newton's Third law of motion & applications	2	7	
				Law of Conservation of Momentum & related numerical	3		
				Universal Law of Gravitation & related numerical	1		
				Acceleration due to Gravity	1		
7	20th Aug - 4th Sept	10	Ch 10 - Gravitation (contd)	Calculation of g on Earth and Moon	2	6	
				Equations for freely falling bodies & related numerical	2		
				Mass and Weight & related numerical	2		
<b>Completion of Syllabus : 4th september 2018</b>							
	6th Sept - 11th Sept	5		Revision	2	2	
<b>Mid Term Exams : 12th Sept - 22nd Sept 2018</b>							
<b>PTM : 13th Oct 2018</b>							

8	24th Sept - 17th Oct	17	Ch 10 - Gravitation (contd)	Thrust and pressure & related numerical	2	8	
				Density and RD & related numerical	2		
				<b>Expt- Density of solid</b>	1		
				Buoyancy & Archimedes principle & its applications	2		
				<b>Expt - Archimedes principle verification</b>	1		
<b>Dusshera Break : 18th Oct - 21st Oct 2018</b>							
8	22nd Oct - 3rd Nov	10	Ch-11 Work &Energy	Work – zero, positive & negative	2	6	
				Kinetic Energy & related numerical	2		
				Elastic Potential Energy	2		
<b>Diwali Break : 5th Nov - 11th Nov 2018</b>							
9	12th Nov - 30th Nov	13	Ch-11 Work &Energy(contd)	Gravitational Potential Energy & related numerical	2	7	
				Law of Conservation Of Energy & related numerical	3		
				Power & related numerical	2		
10	3rd Dec - 15th Dec	11	Ch-11 Work &Energy (contd) Ch 12 - Sound	Commercial Unit of electric energy & related numerical	2	6	
				Production of Sound	1		
				Propagation of Sound	1		
				Mechanical and E M wave	2		
<b>Completion of syllabus : 15th December 2018</b>							
	17th Dec- 19th Dec	3		Revision	2		
<b>Post Mid Term Exams : 20 December 2018 - 14th Jan 2019</b>							
<b>Winter Break : 31 Dec 2018 - 9 Jan 2019</b>							
<b>PTM : 29th Jan2019</b>							
12	15th Jan - 25th Jan	9	Ch12- Sound(contd)	Longitudinal and Transverse Waves	1	5	
				Graphical Representation of waves	1		
				Characteristics of a wave	2		
				<b>Expt- Speed of sound waves</b>	1		
13	28th Jan - 8th Feb	11	Ch12- Sound(contd)	Speed of sound in different media & Reflection of Sound	1	6	
				Echo & Reverberation	1		
				<b>Expt- Reflection of Sound</b>	1		
				Uses of Multiple Reflection	1		
				Range of hearing & Applications of ultrasound	1		
				Sonar & Human Ear	1		
<b>Completion of syllabus : 11th February 2019</b>							
	12th & 15th February	4		Revision		2	
<b>Annual Exams : 16st February 2019 - 26th Feb 2019</b>							
<b>PTM : 14th March 2019</b>							
<b>New Session : 18th March 2019</b>							
<b>PREPARED BY : ANUBHA MEDIRATTA</b>							