

**DPS MATHURA ROAD, NEW DELHI**  
**Period wise distribution of Syllabus class VII (2018-2019)**  
**SUBJECT - PHYSICS**

S.No	Fortnight	Days	CHAPTER NO. AND NAME	Sub Topic	Period for subtopic	Approx pds total	Assignment date	Test/exam date	Project activity	H.W questions
1	2 <sup>nd</sup> April to 13 <sup>th</sup> April	11 Days	CH-4-HEAT	Hot and cold(4.1),measuring temperature(4.2) ) Laboratory Thermometer(4.3)  Clinical Thermometer	2 2 2	6				
2	16 <sup>th</sup> April to 27 <sup>th</sup> April	11 Days	CH-4-HEAT	Precautions related to handling thermometers  activity based on temperature scales  Transfer of heat-conduction of heat-activities based on it  Applications of conduction of heat	2 2 2	6	<b>Assnt-1(cycle-1) to be uploaded on 24-04-18 Submitted on- 26-04-18 Returned on - 02-05-18</b>		activity based on temperature scales	
3	1 <sup>st</sup> May to 18 <sup>th</sup> May	14 Days	CH-4-HEAT	Convection of heat-activity based on it.  Sea breeze,land breeze and other applications	3 5	8		<b>Periodic test -1 on 07-05-18</b> CHAP- 4 – HEAT (FROM PAGE-35 TO 41 BEFORE ACTIVITY 4.8) - 17 MARKS	<b>To demonstrate Convection of heat in water</b> <b>Subject enrichment activity-1as summer</b>	Q-1,2,3,6&8 from back exercises

**Recommended books-**

										vacation HW
<b>PTM on 12<sup>th</sup> May '2018</b>										
<b>Summer vacations from 19<sup>th</sup> May to 1<sup>st</sup> July'2018</b>										
4	2 <sup>nd</sup> July to 13 <sup>th</sup> May	10 days	CH-4-HEAT	Radiation -activity based on it Applications questions  Back exercise  Assignment book	2  2  1	5				
5.	16 <sup>th</sup> July to 31 <sup>st</sup> July	13 days	CH-8; WIND, STORMS &CYCLONES	Air exerts pressure (8.1)  High speed winds are accompanied by reduced air pressure (8.2)	3  4	7				
6.	1 <sup>st</sup> August to 18 <sup>th</sup> August	13 days	CH-8; WIND, STORMS &CYCLONES	Air expands on heating(8.3)  Wind currents are generated between equator and poles 8.4)	4  3	7	<b>Assnt-2(cycle-1) to be uploaded on 02-08-18 Submitted on-06-08-18 Returned on - 13-08-18</b>			

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7.	20 <sup>th</sup> August to 4 <sup>th</sup> september	10 days	CH-8; WIND, STORMS &CYCLONES	Thunderstorms and cyclones (8.5)  Back exercise questions and exemplar problems	2  3	5			Activities as mentioned in chapter to be demonstrated	Q-3 to 7 from back exercises
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**Completion of syllabus-4<sup>th</sup> September 2018**

**Revision-6<sup>th</sup> September to 11<sup>th</sup> september 2018(5 days)**

**Mid term exams from 12<sup>th</sup> September to 22<sup>nd</sup> September 2018**

**PTM -13<sup>th</sup> October' 2018**

8.	24 <sup>th</sup> September to 17 <sup>th</sup> September	17 Days	CH-13; MOTION &TIME	Slow and fast(13.1)  Speed(13.2)and numericals on it  measurement of time period with an activity of a simple pendulum  numerical problems on time period of a pendulum	2  3  2  3	10			measurement of time period with an activity of a simple pendulum &Subject enrichment activity -2	
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**Dusshera Break from 18 th October to 21<sup>st</sup> October 2018**

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9.	22 <sup>nd</sup> October to 3 <sup>rd</sup> November	10 Days	CH-13; MOTION &TIME	Distance -time graphs  Back exercise questions and exemplar problems	3  2	5	<b>Assnt-1(cycle-2) to be uploaded on 03-11--18 Submitted on-12-11--18 Returned on - 19-11--18</b>			Q-3 to 7 from back exercises
<b>Diwali Break from 5<sup>th</sup> November to 11<sup>th</sup> November 2018</b>										
10.	12 <sup>th</sup> November to 30 <sup>th</sup> November	13 days	CH-14; ELECTRIC CURRENT &ITS EFFECTS	symbols of electric components (14.1) making of an electric circuit  connecting cells to make a abattery,making of a cell holder and some conceptual questions  Heating effect of current(definition)	1 2  2 1 1	7				Demonstrating the electric components in the lab and activities as mentioned in the chapter
11.	3 <sup>rd</sup> December to 15 <sup>th</sup> December	11days	CH-14; ELECTRIC CURRENT &ITS EFFECTS	activity on heating effect and applications based upon it  magnetic effect-activity on it -	3  3	6				

12.	17thDecember to 29 <sup>th</sup> December	10 days	CH-14; ELECTRIC CURRENT &ITS EFFECTS	Electromagnet-making factors to increase the strength and uses  Electric bell Back exercise questions and asst book	2  1 2	5		<b>Assnt-2(cycle- 2) to be uploaded on 18-12-18 Submitted on- 20-12-18 Returned on - 26-12-18</b>	Demonstrating an electro magnet activity	Q-2,3,4,6,10 from back exercises
<b>Winter Break -31<sup>st</sup>December2018 to 9<sup>th</sup> January 2019</b>										
13.	10 <sup>th</sup> January to 25 <sup>th</sup> January 2019	12 days	CH-15- LIGHT	Light travels in a straight line(15.1)  Reflection of light(15.2)- activity based on it proving the laws of reflection Demonstrating kinds of mirrors/lenses  Characterictics of image formed in a plane mirror	2  3 1 1	7		<b>Periodic test-2 on 14-01-2019 SYLLABUS :CHAPTER- 13-MOTION AND TIME - 11 Marks CHAPTER 14- ELECTRIC CURRENT &amp; ITS EFFECTS (FROM PAGE- 160 TO 163 BEFORE HEATING EFFECT OF CURRENT{ 14. 2}-6 Marks</b>	Demonstrating laws of reflection using a plane mirror; And kinds of mirrors and lenses	
14.	28thJauary to 08 <sup>th</sup> February 2019	10 days	CH15; LIGHT	Demonstrating the concave and convex mirrors /lenses image formations and  worksheet on it	3  2	5			Demonstrating the concave and convex mirrors /lenses image formations and worksheet on it to be evaluated	

15.	11thFebruary to 20thFebruary 2019	09 days	CH- 15;LIGHT	Splitting of sunlight /white light - demonstration and explanation Activities on it -Newton's disc Back exercise questions-	1  2  1	4				Demonstrating Splitting of sunlight and Newton's disc activities	
<b>Completion of syllabus by 20thFebruary 2019</b>											
<b>Annual Exams -1<sup>st</sup> March -15<sup>th</sup> March 2019</b>											
<b>PTM on 29<sup>th</sup> March 2019</b>											
<b>New Session to Begin on 1<sup>st</sup> April 2019</b>											