

Physics Annual & Weekly Syllabus Split-Up - 2025-26
Grade VIII

S.No	Month	No. of Working Days		No. of Days	Topic	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Midterm	Annual
2	APRIL	23	Week 1	5	C-9 Force and Pressure	Force and its effects ,Magnitude & direction of force ,Net force	Pinnacle science book ,ppt and notes	Observe the effects of force				√			
			Week 2	5	C-9 Force and Pressure	Tyoes of forces- contact forces Non contact forces- Gravitation,magnetic ,electrostatic	Smart Board,Universal Science ,Ncert ,PPT								
			Week 3	4	C-9 Force and Pressure	Pressure and its numericals	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
			Week 4	6	C-9 Force and Pressure	Applications of pressure,pressure exerted by liquid,Factors affecting pressure	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
			Week 5	3	C-9 Force and Pressure	Pressure exerted by gases	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
3	JUNE	19	Week 1	0											
			Week 2	6	C-9 Force and Pressure	Exercise Question - Answers	Pinnacle science book ,ppt and notes								
			Week 3	6	C-10 Friction	Frictional force , Cause of friction,Factors affecting friction ,force pressing the surface together	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert	Observe the effects of friction on moving objects				√			
			Week 4	6	C-10 Friction	Types of frictionn,Advantages and disadvantages of friction,Reducing friction	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
			Week 5	1	C-10 Friction	Increasing friction	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert	Methods of Increasing friction							
			Week 1	5	C-9 Force and Pressure	Revision : Force and pressure all topics	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert			√					
			Week 2	6	C-10 Friction	Fluid friction ,factots affecting fluid friction,methods of reducing fluid friction	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								

4	JULY	27	Week 3	6	C-10 Friction	Exercise Question - Answers	Pinnacle science book ,ppt and notes								
			Week 4	6	C-11 SOUND	Sound , production of sound,simple pendulum	Smart Board,Universal Science ,Ncert ,PPT					√			
			Week 5	4	C-11 SOUND	production of sound in Humans,propagation of sound,compression,speed of sound in different media	Smart Board,Universal Science ,Ncert ,PPT								
5	AUGUST	23	Week 1	2	Pre Mid Term Exam,C-10 Friction	Revision: Frictional force , Cause of friction,Factors affecting friction ,force pressing the surface together, Fluid friction	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert				√				
			Week 2	5	C-11 SOUND	Reflection of sound,structure Human ear,properties related to sound,Pitch ,loudness.	Smart Board ,Universal Science ,Ncert ,PPT								
			Week 3	5	C-11 SOUND	Audible inaudible sound,Ultrasound,infrasound, Music & Noise,,Musical instruments	Smart Board ,Universal Science ,Ncert ,PPT								
			Week 4	6	C-11 SOUND	and noise pollution.Exercise questions	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
			Week 5	5	Mid Term Revision	C-9 Force and Pressure,C-10 Friction, C -11 SOUND	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								
6	SEPTEMBER	25	Week 1	5	Term 1	C-10 Friction, C -11 SOUND									
			Week 2	6	Term 1	C -10 Friction, C -11 SOUND									
			Week 3	6	C-13 LIGHT	Reflection of light,,Regular and irregular reflectionplane mirror image formation	Smart Board,Universal Science ,Ncert ,PPT ,video						√		√
			Week 4	6	C-13 LIGHT	Kaleidoscope and periscope working, spherical mirrors,terms related to spherical mirrors	Smart Board,Universal Science ,Ncert ,PPT ,video - https://www.youtube.com/watch?v=v5SuSB_93FM	to study the working of periscope							
			Week 5	2	C-13 LIGHT	image formation by concave mirror	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								

10	JANUARY	22	Week 2	6	Revision, C-14 Electric Current & its effect	Heating effect of current,factors affecting the heating effect of current	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert								✓	
			Week 3	5	C-15 Stars and solar system	Saturn,uranus ,Neptune,Satellites,	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert									
			Week 4	6	C-15 Stars and solar system	Phases of Moon,Artificial satellite	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert									
			Week 5	5	C-15 Stars and solar system	Exercise questions	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert									
11	FEBRUARY	23	Week 1	6	C-11 SOUND Revision:	production of sound in Humans,propagation of sound,compression,speed of sound in different media	Smart Board,Universal Science ,Ncert ,PPT									✓
			Week 2	6	C-13 LIGHT	Reflection of light,,Regular and irregular reflection,plane mirror image formation	Smart Board,Universal Science ,Ncert ,PPT ,video	to study the plane mirror image formation								
			Week 3	5	C-13 LIGHT	Kaleidoscope and periscope working, spherical mirrors,terms related to spherical mirrors	Smart Board,Universal Science ,Ncert ,PPT ,video - https://www.youtube.com/watch?v=v5SuSB_93FM									
			Week 4	6	C-14 Electric Current & its effect	Circuit diagrams,Resistance,Factors affecting resistance	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert									
			Week 5	0												
12	MARCH	22	Week 1	5	C-15 Stars and solar system	Satrs,Motion of stars in the sky,constellation	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert									
			Week 2	6	Annual Exam											
			Week 3	5												
			Week 4	5												
			Week 5	1												

Subject Teacher

HOD

Dean Academics

Principal