	Physics Annual & Weekly Syllabus Split-Up - 2025-26 Grade VIII														
S.No	Month	No. of Working Days		No. of Days	Торіс	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Midterm	Annual
			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								
2	APRIL	23	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								
			Week 1	0											
			Week 2	6	C-9 Force and Pressure	Exercise Question - Answers	Pinnacle science book ,ppt and notes								
	JUNE		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							
3		19	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			٧					
			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			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			V			
			Week 2	5	C-11 SOUND	Reflection of sound,structure Human ear,properties related to sound,Pitch ,loudness.	Smart Board ,Universal Science ,Ncert ,PPT						
	AUGUST	23	Week 3	5	C-11 SOUND	Audible inaudible sound,Ultrasound,infrasound, Music & Noise,,Musical instruments	Smart Board ,Universal Science ,Ncert ,PPT	rt ,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						
			Week 1	5	Term 1	C-10 Friction, C -11 SOUND					٧		
			Week 2	6	Term 1	C-10 Friction, C -11 SOUND					٧		
			Week 3	6	C-13 LIGHT	Reflection of light,,Regular and irregular reflectionplane mirror image formation	Smart Board, Universal Science ,Ncert ,PPT ,video				-		
6	SEPTEMBER	25	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=v5Su SB_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						

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			Week 1	3	C-13 LIGHT	image formation by convex mirror,uses of spherical mirrors	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
			Week 2	6	C-13 LIGHT	C-13 LIGHT Exercise Questions Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert														
7	OCTOBER	13	Week 3	4	C-14 Electric Current & its effect		Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
			Week 4	0																
			Week 5	0																
			Week 1	0																
			Week 2	5	PERIODIC TEST -2,C-13 LIGHT	Reflection of light,,Regular and irregular reflectionplane mirror image formation	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
8	NOVEMBER	23	Week 3	6	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 4	6	C-14 Electric Current & its effect	Applications of the heating tric Current & its effect of current,Incandescent bulbs,Electric fuses														
			Week 5	6	C-14 Electric Current & its effect	Magnetic effect electric current,Magnetic field due a straight current carrying conductor	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
			Week 1	6	C-14 Electric Current & its effect	Electromagnet, factors affecting the strength of electromagnet	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
			Week 2	6	C-14 Electric Current & its effect	Electric bell & Exercise questions	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
9	DECEMBER	20	20	20	20	20	MBER 20	ER 20	Week 3	6	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	To observe the constellation in the night sky						
			Week 4	2	C-15 Stars and solar system	Galaxy The solar system-	Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert													
			Week 5	0																
			Week 1	0																

10			Week 2	6	Revision, C-14 Electric Current & its effect		Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert					٧		
	10	JANUARY	22	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		Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert							
11			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						
	FEBRUARY	23	Week 3	5	C-13 LIGHT	working, spherical mirrors, terms related to	Smart Board, Universal Science ,Ncert ,PPT ,video - https://www.youtube.com/watch?v=v5Su SB_93FM							
			Week 4	6	C-14 Electric Current & its effect		Pinnacle science book ,ppt and notes,Smart Board,Universal Science ,Ncert							
			Week 5	0										
		22	Week 1		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									
12	MARCH		22	22	Week 3	5								
			Week 4	5										
			Week 5	1										