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

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												
			Week 1	5	C- 7 MOTION AND REST	Motion ,rest , distance ,displacement,	Ncert, ppt and topic notes, videos								٧												
			Week 2	5	C- 7 MOTION AND REST	Numericals of displacement,speed ,velocity	Ncert, ppt and topic notes, videos																				
2	APRIL	23	Week 3	4	C- 7 MOTION AND REST	Acceleration and its types	Ncert, ppt and topic notes																				
			Week 4	6	C- 7 MOTION AND REST	Numericals, distance - time graph	Ncert, ppt and topic notes																				
							Week 5	3	C- 7 MOTION AND REST	Speed - time graph	Ncert, ppt and topic notes																
		19	19	19	19										Week 1	0											
										Week 2	6	C- 7 MOTION AND REST	Three equations of motion	Ncert, ppt and topic notes													
3	JUNE					Week 3	6	C- 7 MOTION AND REST	uniform circular motion	Ncert, ppt and topic notes,videos																	
			Week 4	6	C- 7 MOTION AND REST	Exercise of motion chapter	Ncert, ppt and topic notes																				
						Week 5	1	C- 7 MOTION AND REST	Exercise of motion chapter	Ncert, ppt and topic notes																	
															Week 1	5	C- 7 MOTION AND REST	Revision : all topics of Motion chapetr	Ncert, ppt and topic notes			٧					
				Week 2	6	C-8 Force and Laws of Motion	Balanced and Unbalanced Forces,Galileo's experiment,First Law of Motion	Ncert, ppt and topic notes								٧											
4	JULY	27	Week 3	6	C-8 Force and Laws of Motion	Laws of Inertia (rest & motion)	Ncert, ppt and topic notes																				
			Week 4	6	C-8 Force and Laws of Motion	Newton's 3rd law of motion & examples	Ncert, ppt and topic notes																				
			Week 5	4	C-8 Force and Laws of Motion	Exercise of Force & laws of motion chapter	Ncert, ppt and topic notes																				

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			Week 1	2	C-8 Force and Laws of Motion	Revision: Exercise of Force & laws of motion chapter	Ncert, ppt and topic notes			٧				
5				Week 2	5	C-8 Force and Laws of Motion	Exercise of Force & laws of motion chapter	Ncert, ppt and topic notes						
	AUGUST	23	Week 3	5	C- 9 Gravitation	Gravitation, Nweton's laws of Gravitation, numericals	Ncert, ppt and topic notes						٧	
			Week 4	6	C- 9 Gravitation	Free fall , acceleration due to gravity	Ncert, ppt and topic notes							
			Week 5	5	C- 9 Gravitation	,g =GM/R2, Weight of object on moon surface.	Ncert, ppt and topic notes							
			Week 1	5	Term 1	Revision: Motion,Exercise of Force & laws of motion chapter,Gravitation	Ncert, ppt and topic notes				٧			
			Week 2	6	Term 1	Gravitation	Ncert, ppt and topic notes				٧			
			Week 3	6	C- 9 Gravitation, Thrust & pressure	Pressure and its application, numericals, Bouyan cy ,	Ncert, ppt and topic notes	Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.					٧	
6	SEPTEMBER	25	Week 4	6	C- 9 Gravitation,Thrust & pressure	Archimedes principle and its applications	Ncert, ppt and topic notes	Verification of the Laws of reflection of sound.						
			Week 5	2	C- 9 Gravitation, Thrust & pressure	Exercise Questions and examples	Ncert, ppt and topic notes	Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.						
			Week 1	3	C- 9 Gravitation, Thrust & pressure	Exercise Questions and examples	Ncert, ppt and topic notes							
			Week 2	6	C-10 Work ,Energy & Power	Work done and types of work,	Ncert, ppt and topic notes						٧	
7	OCTOBER	13	Week 3	4	C-10 Work ,Energy & Power	energy - kinetic and potential energy	Ncert, ppt and topic notes							

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			Week 4	0										
			Week 5	0										
			Week 1	0										
8			Week 2	5	C- 9 Gravitation,Thrust & pressure	Revision :Pressure and its application,numericals,Bouyan cy ,	Ncert, ppt and topic notes					٧		
	NOVEMBER	23	Week 3	6	C-10 Work ,Energy & Power	Numericals based on kinetic and potential energy	Ncert, ppt and topic notes							i
			Week 4	6	C-10 Work ,Energy & Power	commercial unit of energy ,Power	Ncert, ppt and topic notes							ı
			Week 5	6	C-10 Work ,Energy & Power	commercial unit of energy ,Exercise questions	Ncert, ppt and topic notes						V	
			Week 1	6	C-11 Sound	Production of sound, propagation of sound , characteristics of sound	Ncert, ppt and topic notes							٧
			Week 2	6	C-11 Sound	speed of sound in different media,reflection of sound ,echo,reverberation .	Ncert, ppt and topic notes							
9	DECEMBER	20	Week 3	6	C-11 Sound	Echo,reverberation ,uses of multiple reflection,Range of hearing, ,	Ncert, ppt and topic notes	Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).						
			Week 4	2	C-11 Sound	numericals,Applications of ultrasound, Exercise Questions	Ncert, ppt and topic notes							
			Week 5	0										
			Week 1	0										
			Week 2	6	C-10 Work ,Energy & Power	Revision : work & its types ,commercial unit of energy ,Exercise questions	Ncert, ppt and topic notes						٧	
10	JANUARY	22	Week 3	5	C- 9 Gravitation Revision	Free fall , acceleration due to gravity								

			Week 4	6	C-8 Force and Laws of Motion	Newton's 3rd law of motion & examples	Ncert, ppt and topic notes														
			Week 5	5	C- 7 MOTION AND REST	Exercise of motion chapter															
11			Week 1	6	C-11 Sound C-10 Work ,energy	echo,reverberation ,uses of multiple reflection,Range of hearing, ,	Ncert, ppt and topic notes														
	FEBRUARY	23	Week 2	6	Annual Exams																
			Week 3	5																	
			Week 4	6																	
			Week 5	0																	
			Week 1	5																	
		22									Week 2	6									
12	MARCH		Week 3	5						_		_									
			Week 4	5																	
			Week 5	1																	

Subject Teacher HOD Dean Academics Principal