LONG TERM PLAN 2023/2024

YEAR GROUP: Year 9 SUBJECT: Physics

Week Start	Content Description	Assessment	Events
September			
3rd	**2 Thermal Physics** 2.1Kinetic particle model of matter 2.1.1 States of matter 2.1.2 Particle model	Formative assessment: peer assessment Brownian motion demo experiment.	
10th	2.1.3 Gases and the absolute scale of temperature.	Formative assessment: MCQs **Summative assessment 1** (15 Marks) **Kinetic particle model**	10-14th CEM Assessments (7,9 & 11) 14th Target Grades Deadline (8,10, 12) 14th Year 7 Picnic
17th	**2.2 Thermal properties and temperature** 2.2.1 Thermal expansion of solids, liquids and gases 2.2.2 Specific heat capacity	Specific heat capacity experiment.	17-20th CEM Assessments (7,9 & 11)
24th	2.2.3 Melting, boiling and evaporation	Formative assessment: hand signals **Summative assessment 2** (15Marks) **Kinetic particle model**	28th Prophet's Birthday - Observed
October			
1st	**2.3 Transfer of thermal energy** 2.3.1 Conduction 2.3.2 Convection	Formative assessment: think-pair-share Conduction and convection demo experiment.	4th Swimming Gala 5th Armed Forces Day
8th	2.3.3 Radiation 3.4 Consequences of thermal energy transfer	**Topic mind map** **Summative assessment 2 : E.O.T** (30 Marks)	8th Target Grade Deadline (7,9,11) 10th Careers Day
15th	**1 Motion, forces and energy** **1.1 Physical quantities and measurement techniques** 1.3 Mass and weight 1 .4 Density	Formative assessment: peer assessment. Measuring density experiment.	
22nd	Half Term Break		
29th	**1.2 Motion**	Formative assessment: MCQs	31st Orange and Black Day
November			
5th	**1.2 Motion**	Graph techniques.	
12th	**1.2 Motion / 1.5 forces** 1.5 Effects of forces	**Summative assessment 3 motion and motion graph:** (20 Marks)	
19th	**1.5 Forces** 1.5.1 Effects of forces	Formative assessment: MCQs. Hooke's Law experiment **Summative assessment 4 forces and hooke's law:** (20 Marks) Topic mind map	AP1 Written Comments Deadline

26th	**1.8 Pressure**	Formative assessment: MCQs	
December			
3rd	AP1 Revision		4th First Day AP1 Exams
10th	Ap1 Assessment		15th Last Day AP1 Exams
17th	AP1 Feedback		22nd Winter Break
25th	Winter Break		
January			
1st	Winter Break		
7th	1.5.2 Turning effect of forces 1.5.3 Centre of gravity	Formative assessment: Sea saw demo experiment.	8th First Day
14th	1.6 Momentum 1.7.1 Energy and law of conservation of energy	Formative assessment: MCQs	
21st	1.7.3 Energy resources 1.7.2 Work, 1.7.4 Power	Formative assessment: MCQs	25th National Holiday
28th	**3 Waves** **3.1 General properties of waves** **3.3 Electromagnetic spectrum**	**Summative assessment: Test 1 General Physics** (15 Marks)	
February			
4th	**3.2 Light** 3.2.1 Reflection of light 3.2.4 Dispersion of light	Formative assessment: MCQs/ flipped classroom.	
11th	3.2.2 Refraction of light	Formative assessment: MCQs/ flipped classroom.	
18th	33.2.3 Thin lenses	Types of waves slinks. Demo.	21-22nd Half Term
25th	**3.4 Sound**	Formative assessment: MCQs.	
March (10th Ramadan Starts)			
3rd	Atomic physics	**Summative assessment: Test 3 waves and EM waves** (15 Marks)	
10th	Atomic Physics	**Summative assessment: Test 4 Atomic (**15 Marks)	
17th	Revision/ practical	practicing exam questions.	
24th	Revision/ practical	practicing exam questions.	
April			
31st	Revision/ practical	practicing exam questions.	
7th	Revision/ practical	practicing exam questions.	10-11th Eid Holiday
14th	Revision/ practical	practicing exam questions.	
21st	Revision/ practical	practicing exam questions.	25th Spring Break
28th	Spring Break		
May			
5th			7th Start of Term 2
12th	Revision/ practical	practicing exam questions.	
19th	Revision/ practical	practicing exam questions.	
26th	Introduction to Y10 Physics		
June			
2nd	Introduction to Y10 Physics		6th End of year assembly

9th	Introduction to Y10 Physics		12th Last day for Students 13th Last day for Teachers
End of Year			
Additional Notes:			