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Subject Physics TRILOGY Year 10 Curriculum Map 2019 - 2020

<https://www.aqa.org.uk/resources/science/gcse/biology/teach/schemes-of-work>

Week Commencing	Topic (including links to additional resources)	Assessment Window
02/09/2019 STAFF INSET 02 and 03/09 ALL STUDENTS IN 04/09	P4 Atomic structure Lesson 1 Model of the atom, plum pudding model, Rutherford	
9/09/2019	Lesson 2 Mass number, calculations Lesson 3 Nuclear radiation, alpha, beta and gamma properties	
16/09/2019	Lesson 4 Nuclear equations, calculations on alpha and beta emission	
23/09/2019	Lesson 5 Half-life, plotting and interpreting graphs Lesson 6 Irradiation and contamination, research	
30/09/2019	Lesson 7 Consolidation of unit	
07/10/2019	Lesson 8 Consolidation of unit Lesson 9 Consolidation of unit	
14/10/2019	Lesson 10 Consolidation of unit	
21/10/2019 STAFF INSET 26/10	Lesson 11 Consolidation of unit	
October Half Term		
04/11/2019	AR1 Assessment	AR1
11/11/2019	DDI Wave 1 DDI Wave 2	AR1
18/11/2019	Reassessment	
25/11/2019	TOPIC P5 Forces Lesson 1 Contact and non-contact forces, examples of forces, scalar and vector Lesson 2 Weight mass and gravity, comparison, calculations	
02/12/2019	Lesson 3 Resultant forces and work done, examples, equation	

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9/12/2019	Lesson 4 Calculating forces ,resolving forces Lesson 5 Forces and elasticity, Hooke's Law practical	
16/12/2019 END OF TERM 20/12	Lesson 6 Investigating springs, calculations on spring constant	
Christmas Break		
06/01/2020	Lesson 7 Speed and velocity, scalar, vector, equation, calculations Lesson 8 Acceleration, equations	
13/01/2020	Lesson 9 Graphs, Plotting and interpreting graphs of motion	
20/01/2020	Lesson 10 Terminal velocity, plotting and interpreting graphs Lesson 11	
27/01/2020	Lesson 12 Newton's first and second laws, examples, equations	
3/02/2020	Lesson 13 Inertia and Newton's third law, summary notes, examples Lesson 14 Investigating motion, *required practical* $F = ma$ (ramps)	
10/02/2020 STAFF INSET 15/02	AR2 Preparation	
February Half Term		
24/02/2020	AR2 Assessment DDI Wave 1	AR2
2/03/2020	DDI Wave 2	AR2
9/03/2020	Reassessment	
16/03/2020	Lesson 15 Stopping distances, equation, calculations Lesson 16 Reaction times, practical work	
23/03/2020	Lesson 17 Factors, Examples	
30/03/2020	Topic P6 Waves Lesson 1 Describing waves, labels, properties and calculating wave speed	
Easter		
20/04/2020	Lesson 2 Transverse and longitudinal waves, compare and contrast Lesson 3 Types of EM waves, examples and remembering the order	
27/04/2020	Lesson 4 EM waves properties and dangers, research , comparison Lesson 5 EM waves properties (uses), research, microwaves, communication	
04/05/2020 BANK HOL 04/05	Lesson 6 Reflection, *required practical work*, law of reflection Lesson 7 Refraction, *required practical work, refraction in a glass block Lesson 8 Ripple tank, *required practical* P200	
11/05/2020	Lesson 9 AR3 Preparation	

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18/05/2020	Lesson 10 AR3 Preparation Lesson 11 AR3 Preparation	
May Half Term		
01/06/2020	Lesson 12 AR3 Preparation	
8/06/2020	Lesson 13 AR3 Preparation	
15/06/2020	AR3 Assessment	AR3
22/06/2020	DDI Wave 1 DDI Wave 2	AR3
29/06/2020	DDI Reassessment	
06/07/2020		
13/07/2020		

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