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Principal: Mrs C Stanyer

Subject Physics TRIPLE 11SO1 Year 11 Curriculum Map 2019 - 2020

<https://www.aqa.org.uk/resources/science/gcse/trilogy/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	TOPIC 5 Continued from Year 11 Waves Lesson 13 Visible light, colours, specular reflection, filters P226 Lesson 14 Infra-red, *required practical* black/silver cans emit and absorb, examples	
9/09/2019	TOPIC P7 Magnets and electromagnets Lesson 1 Permanent and induced magnets, investigate materials, attract and repel Lesson 2 Magnetic fields, plotting fields using compasses and iron filings	
16/09/2019	Lesson 3 Making magnets, making and testing magnets (stroking) Lesson 4 Electromagnets, making electromagnets, changing strength	
23/09/2019	Lesson 5 Investigating electromagnets , investigating the number of paper clips picked up Lesson 6 Motor effect, theory, models	
30/09/2019	Lesson 7 Electric motors, LH rule, equation, calculations Lesson 8 Electric motors, LH rule, equation, calculations	
07/10/2019	Lesson 9 Speakers, the function of loudspeakers and headphones P259 Lesson 10 Induced potential, magnetic fields, generator effect P259	
14/10/2019	Lesson 11 Dynamos, explain alternators and dynamos, interpret graphs P262 Lesson 12 Microphones, how a moving coil microphone works P262	
21/10/2019 STAFF INSET 25/10	Lesson 13 Transformers, construction, equation, calculations P264 TOPIC P8 Space physics Lesson 1 Solar system, formation, key terms, the Sun	
October Half Term		
04/11/2019	Prep for AR1	
11/11/2019	AR1 Assessment DDI Wave 1	AR1
18/11/2019	DDI Wave 2	AR1
25/11/2019	DDI Reassessment	

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02/12/2019	Lesson 2 Stars, Life cycle, similar to Sun, more massive, elements Lesson 3 Satellites, orbits, natural and artificial satellites, , values P278	
9/12/2019	Lesson 4 Red-shift, red shift, Doppler effect, Big Bang P288 Lesson 5 How the elements formed, heavy elements, light elements P286	
16/12/2019 END OF TERM 20/12	Consolidation and revision Consolidation and revision	
Christmas Break		
06/01/2020	Consolidation and revision Consolidation and revision	
13/01/2020	Consolidation and revision Consolidation and revision	
20/01/2020	Consolidation and revision Consolidation and revision	
27/01/2020	Consolidation and revision Consolidation and revision	
3/02/2020	Consolidation and revision Consolidation and revision	
10/02/2020 STAFF INSET 15/02	Consolidation and revision Consolidation and revision	
February Half Term		
24/02/2020	Consolidation and revision Consolidation and revision	
2/03/2020	AR2 Assessment	AR2
9/03/2020	DDI Wave 1 DDI Wave 2	AR2
16/03/2020	Reassessment	
23/03/2020	Consolidation and revision Consolidation and revision	
30/03/2020	Consolidation and revision	
Easter		
20/04/2020	Consolidation and revision Consolidation and revision	
27/04/2020	Consolidation and revision	
04/05/2020 BANK HOL 04/05	Consolidation and revision Consolidation and revision	

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11/05/2020	EXAM BEGIN	
18/05/2020		
May Half Term		
01/06/2020		
8/06/2020		
15/06/2020		
22/06/2020		
29/06/2020		
06/07/2020		
13/07/2020		

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