



Y11 Learning Journey. Subject: Physics (Combined) GCSE

Exam Requirements: Your GCSE in Physics is structured, and examined, in the following way: Physics (Combined)

Paper One: 1 hour 15 minutes – 16.6% of your grade	Paper Two: 1 hour 15 minutes – 16.6% of your grade
<ul style="list-style-type: none"> • Energy (topic 1) • Electricity (topic 2) • Particle nature of matter (topic 3) • Atomic Structure (topic 4) 	<ul style="list-style-type: none"> • Forces (topic 5) • Waves (topic 6) • Magnetism and Electromagnetism (topic 7)

Overview of the Year:

Week Beginning	The focus of your learning or revision this week:	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
05/09/22	P7.1 – Atoms and radiation	
12/09/22	P7.4 – Alpha, Beta and Gamma	
19/09/22	P7.2 – The discovery of the Nucleus	
26/09/22	P7.3 – Changes in the Nucleus	
03/10/22	P7.5 – Activity and Half Life	
10/10/22	P7.6 – Nuclear Radiation in Medicine	
17/10/22	Catch-up/consolidation	
Half Term		
31/10/22		Nuclear Radiation end of topic test
07/11/22	Revision for Assessment Week 1	
14/11/22		
21/11/22		
28/11/22		
Assessment Week One		
05/12/22		
12/12/22	P10.4 – Momentum (Higher award only)	
19/12/22	Catch-up/Consolidation	
Christmas Break		
09/01/23	P6.1 – Density	
16/01/23	P6.2 – States of Matter	
23/01/23		Required Practical 5
30/01/23	P6.3 – Changes of State	
06/02/23	P6.4 – Internal Energy	
Half Term		

20/02/23	Revision for Assessment Week 2
27/02/23	
06/03/23	Assessment Week Two
13/03/23	P6.5 – Specific Latent Heat
20/03/23	P6.6 – Gas Pressure and Temperature
27/03/23	Catch-up/Consolidation
03/04/23	Momentum and particles end of topic test
Easter Break	
24/04/23	Revision for GCSE
01/05/23	
08/05/23	
15/05/23	Provisional start to the GCSE Exams

<p>Exam Practice:</p> <p>You can find past papers to help support your revision and develop your exam technique here:</p> <ul style="list-style-type: none"> • www.Physicsandmathstutor.com 	<p>Revision Materials:</p> <p>We advise that you use the following revision materials:</p> <p>Please refer to “the one document” revision resource for all revision needs. This can be found in the following area in the shared G drive;</p> <p>G:\Science\Home learning physics\GCSE additional resources</p>
<p><u>Glossaries:</u></p> <p>Vocabulary lists to support your revision can be found here:</p> <p>Subject specific vocabulary (aqa.org.uk) – for science specific vocabulary</p> <p>Physics Glossary AQA GCSE Flashcards Quizlet – quizlet with flashcards on physics specific key terms</p>	<p><u>Advice and Guidance for Revision</u></p> <p>Include any other helpful tips, guidance or advice about how to approach revision in your subject here:</p> <ul style="list-style-type: none"> • revise short and often – maximum 45 mins to an hour at a time (unless doing a past paper) once or twice a week • PAST PAPERS ARE KEY – these are the best way to revise • Ask your teachers for resources and revision help (or watch the lesson videos in the one document resource) • Mr Pinder runs revision classes every Thursday after school – these are well worth turning up to!