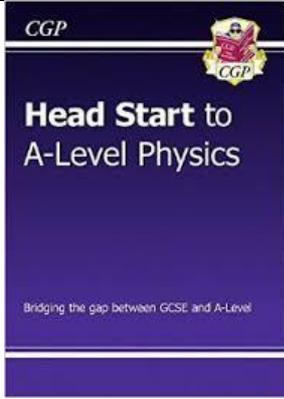
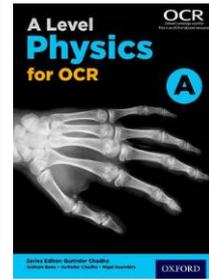




Activity	Main study Independent Study Task Activity Guidance Notes	Suggested supporting visits or readings.
Task / Topic 1	<p>This fantastic Head Start book from CGP is the ideal way to bridge the gap between GCSE and A-Level Physics. It recaps all the crucial topics you'll need to remember from GCSE, with crystal-clear study notes and examples, plus practice questions to test your understanding. It also includes introductions to some of the key topics you'll meet at A-Level! (~ £4.95)</p>	 <p>ISBN: 978 1 78294 281 8</p>
Task / Topic 2	<p>Complete the problems set out in the Powerpoint for Physics. Please show all your workings out.</p>	<p>Hopefully you'll get the opportunity to soak up some of the Sun's rays over the summer – synthesising some important Vitamin-D – but if you do get a few rainy days where you're stuck indoors here are some ideas for films to watch or clips to find online.</p> <p>Science Fictions Films</p> <ol style="list-style-type: none"> 1. Moon (2009) 2. Gravity (2013) 3. Interstellar (2014) 4. The Imitation Game (2015) 5. The Prestige (2006) <p>Online Clips / Series Minute Physics – Variety of Physics questions explained simply (in felt tip) in a couple of minutes. Addictive viewing that will have you watching clip after clip – a particular favourite of mine is “Why is the Sky Dark at Night?” https://www.youtube.com/user/minutephysics</p>



The textbook may help you if you buy it over the Summer:



OCR AS/A level Physics A

Publisher: Oxford University Press

ISBN: 9780198352181

This brilliant CGP book covers all the maths skills needed in AS and A-Level Physics (the use of maths is required for up to 40% of the marks in the final exams and assessments). It explains Calculations, Geometry, Trigonometry, Graph Skills and Handling Data, with clear study notes and step-by-step examples in the context of Physics. And to make sure you've really got to grips with it all, there are practice questions for each topic - with answers included at the back of the book.

(~ £7.50)

New A-Level Physics: Essential Maths Skills

Publisher: CGP

ISBN-10: 978 1 78294 471 3

CGP



Essential Maths Skills for A-Level Physics

40% of the marks in A-Level Physics require Maths skills

Study Notes, Examples & Practice Questions
Covering calculations, graphs, handling data and more

You may also want to spend some of your time over the Summer holidays having a read of one of these Physics and Physics related books. These books are not textbooks full of equation work and practice questions, rather they provide an insight into either the application of Physics or deals with an area of study that you will be encountering at A-Level for the first time.

1. Surely You're Joking Mr Feynman: Adventures of a Curious Character

Richard Feynman
ISBN - 009917331X.

2. Moondust: In Search of the Men Who Fell to Earth Andrew Smith
ISBN – 1408802384

3. Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe Marcus Chown
ISBN - 057131502X

Please complete the set tasks and submit to your subject teacher on the first lesson in September. If you are unable to print the completed work, please email it your Physics teachers:

Mr Mulligan john.mulligan@tolworthgirlsschool.co.uk