Sturminster Newton High School Sixth Form

Physics
Independent Study Guide

Books

1. A-Level Physics for OCR (ISBN 978-0-19-835218-1) issued to you by the school. Cross reference your specification with the contents page. This book matches the lesson titles.
2. CGP Revision Guide – The course is clearly presented in the same units as you have been taught. Less detail but is has the course in a nutshell (ISBN 978-1789080391) – available via online and high street booksellers.

On Line

Course details, specifications and past papers are on the OCR site.
https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/

A free platform for teachers and students. https://isaacphysics.org/

Short to the point explanation on many aspects of science and technology.
https://www.youtube.com/c/professordaveexplains

A site that has hundreds of videos, and resources for you to download, to help you prepare for your A Level Physics exams.
https://www.alevelphysicsonline.com/ocr-spec-a

A useful website for areas of knowledge you would like to brush up on, revision notes and past questions available - https://www.physicsandmathstutor.com/

Key Strategies

The best strategies are the ones that work for each individual student. However broadly following the sequence often is highly effective.

1. Start with notes

Use books and online resources to make clear notes. Your notes will almost always have four components;

i. Definitions and ideas
ii. Diagrams
iii. Graphs
iv. Calculations and equations

For each topic ask yourself. "What are the key definitions/diagrams/graphs/ maths?

2. Then Questions
   - ❖ Use questions from revision guides and text books to warm up, they have the answers.
   - ❖ Complete any homework questions – ideally the day they are issued so knowledge is fresh.
   - ❖ Then use OCR website for past papers.
   - ❖ Don't be afraid of repeating questions – revisiting previously attempted questions will help to cement knowledge in your mind.