

This is what **INDEPENDENT LEARNING** looks like in

PHYSICS

AFTER EVERY LESSON

1. Review/Revision of topics/information after every lesson

Resources:

A. OCR B Textbook AS and A2 - <https://www.amazon.co.uk/Level-Advancing-Physics-Student-Book/dp/019834094X>

B. CGP Revision Guide AS and A2 - <https://www.amazon.co.uk/Level-Physics-Complete-Revision-Practice/dp/1782943072>

C. Physics and Maths Tutor (flashcards and revision notes) - <https://www.physicsandmathstutor.com/physics-revision/a-level-ocr-b/>

D. Maths Made Easy (revision materials, questions and past papers) - <https://mmerevise.co.uk/a-level-physics-revision/#revision>

E. Rogue Physicist (Old but written for OCR B) - <https://www.roguephysicist.com/KS5/index.htm>

F. Checklists for all of the Chapters/Topics. Scroll to the bottom of the page - <https://www.alevelphysicsonline.com/ocr-spec-b>

WEEKLY

Tasks completed weekly to develop understanding and confidence:

1. Questions in textbook - Link to answers to practice questions - <https://global.oup.com/education/content/secondary/series/ocr-a-level-sciences/a-level-sciences-for-ocr-student-book-answers/?region=uk>
2. Although written for OCR A the majority of the topic areas overlap and so this workbook will enable you to practice if you look for particular topic areas (not all topic areas from OCR B are covered) - <https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/physics/praq71-a-level-physics-ocr-a-year-1-2-exam>
3. Physics and Maths Tutor - use resource link C above.
4. Maths Made Easy - Use resource link D above.
5. Rogue Physicist - Use resource link E above (old but written for OCR B) .

REGULARLY

EVERY 2-3 WEEKS

Attempt past exam paper questions when your understanding of the topic areas is secure. Use the papers to prepare for topic tests and exams.

1. Recent OCR B papers for AS/A2 - <https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/assessment/>
2. Older papers from OCR B for AS/A2 - good for revision - https://www.roguephysicist.com/KS5/past_papers/index.htm

PERIODICALLY

Use videos to support development of understanding and practical skills:

1. <https://www.alevelphysicsonline.com/ocr-spec-b>
2. https://www.youtube.com/channel/UC-TM-z1-tmX1iK_H4SxVhww/videos
3. <https://www.youtube.com/user/minute-physics>
4. <https://www.youtube.com/user/Science-Shorts>



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