



Notre Dame
CATHOLIC SIXTH FORM COLLEGE

Physics

1. View our courses [here](#)
2. Exam board specification: <https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408>
3. Suggested reading list, websites, pod casts, films etc.

You will be required to buy the CGP Textbook to support the course:

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/physics/patb72-new-a-level-physics-for-aqa-year-1-2-s>

We sell this at cost price, £18. You may want to buy a copy in advance.

This is also a great publication which bridges the gap between GCSE and A-level (and written by an ex Notre Dame physics student!):

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/physics/pbr71-head-start-to-a-level-physics>

You may be familiar with Seneca:

<https://www.senecalearning.com/en-GB/>

These University of Colorado PhET simulations are excellent:

<https://phet.colorado.edu/en/simulations/category/physics>

And there are many A level channels on YouTube, physics online is good and you may have used it at GCSE and be familiar with the style already;

https://www.youtube.com/channel/UCZzatyx-xC-DI_VVUVHYDYw

4. A summer learning activity/task

From the Isaac Physics website below complete the two sections of questions shown below. Work your answers out on paper and submit your answer. It has to be exactly



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correct, to the correct number of decimal places. Hints are given and the theory is explained.

When you have checked your answer, write it down to the correct number of decimal places as shown.

Isaac Physics: <https://isaacphysics.org/>

Mastering GCSE Physics, chapter 1 sections 1 to 7 inclusive :

https://isaacphysics.org/books/phys_book_gcse

Mastering Pre University Physics, A1 to A8 inclusive :

https://isaacphysics.org/books/physics_skills_19#isaacModal