

A-Level Preparation into the Sixth Form 2024

Physics

At St Michael's we teach the Pearson Edexcel A Level GCE for Physics. The course consists of three exam papers and 16 core practicals that you will complete in class.

You can explore the course further by going on the Pearson Edexcel Website:

<http://qualifications.pearson.com/en/qualifications/edexcel-a-levels/physics-2015.html>

Over the summer there are a number of things that you should do to prepare yourself for starting the course in September. One of the first topics that we will be studying in Year 12 is motion. Some of these tasks are designed to get you tuned into the motion topic. They should build on your GCSE physics courses.

The link below looks at motion time graphs. Try to ensure that you understand how the graphs are drawn from observing the motion of the body:

<https://www.physicsclassroom.com/Physics-Tutorial/1-D-Kinematics>

Work through Lesson 1 from the Kinematics Tutorial - Describing Motion in Words. Have a go at answering the following problems:

[Distance & Displacement](#) [Speed & Velocity](#) [Acceleration](#)
[Describing Motion in Diagrams](#)

You must complete the **Physics Workbook** on the school website and bring it to your first physics lesson in September.

Your teachers will be available to go through any queries you may have in the Physics Clinic on a Monday lunchtime @ 1.15pm in PLS.

Please ensure you mark your answers & do corrections in a different colour pen.

The textbook which you will need to buy and bring to all lessons in September is:

Year 12:

Edexcel AS/A level Physics Student Book 1 + ActiveBook

Pearson ISBN:9781447991182

Year 13 (does not need to be bought until summer 2025):

Edexcel A level Physics Student Book 2 + ActiveBook

Pearson ISBN:9781447991199

