



PHYSICS

What will I learn at A-Level & how will I be assessed?

Core content

Measurements and their Errors, Particles and Radiation, Waves, Mechanics and Materials, Electricity, Further Mechanics and Thermal Physics, Fields and their Consequences and Nuclear physics.

Options

Astrophysics (A-Level only), Medical physics (A-Level only), Engineering physics (A-Level only), Turning points in physics (A-Level only), Electronics (A-Level only)

For full course details see the websites:

www.aqa.org.uk/subjects/science/a-level/physics-a-2450

www.stmargaretsacademy.com/curriculum-science.php

Qualification

A-Level

Start Date

September 2020

Finish Date

June 2022

How will I be assessed?

At A-Level three examinations covering units 1-8 and optional unit. will be taken. Again these involve a mixture of styles of questions including multiple choice, short and long answer questions and assess practical skills and data analysis.

Future opportunities

Physics is a shortage subject nationally. Degrees using physics often attract large bursaries and grants while you study. Physics A-Level leads into a huge variety of career options from computer games design, through to architecture and engineering to Physics and Astronomy.

Even if the career doesn't explicitly require a Physics A-Level then it is very useful in such careers as Medicine, Dentistry, Construction and many others which value the skill set acquired.

Entry Requirements

Grade 4 in GCSE English
AND

Grade 7 in GCSE Maths
AND

EITHER Grade 6 in GCSE Physics
OR Grade 7-6 in GCSE Science
(AQA Trilogy/Edexcel Combined/
OCR Gateway)