



Course Specifications

Course Title: Separate Sciences Physics

Exam Board: AQA

Link to specification:

<https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF>

Grading: 9-1

Course Details

What will you learn?

Year 10

Autumn

- Energy
- Electricity

Spring

- Particle model of matter
- Atomic Structure

Summer

- Forces

Year 11

Autumn

- Forces
- Waves

Spring

- Magnetism and electromagnetism
- Space Physics

Summer

- Preparation for Summer Exams



How will you be assessed?

During the Course

Year 10: Progress checks, End of unit assessments, Mid-year exams

Year 11: Progress checks, End of unit assessments, PPE1 and PPE2

At the end of the course:

Your final grade will be awarded based on the following examinations and / or coursework.

Paper 1:

Topics: Energy, Electricity, Particle Model of Matter and Atomic Structure

- Written exam: 1 hour 45 minutes
- Foundation and Higher Tier
- 100 marks
- 50% of GCSE

Paper 2:

Topics: Forces, Waves, Magnetism and Electromagnetism and Space Physics

- Written exam: 1 hour 45 minutes
- Foundation and Higher Tier
- 100 marks
- 50% of GCSE

What independent work can you do?

Learn:

- Learn the prefixes for multiples
- Learn the required practical methods
- Learn the physics formulas that are not given in exam and understand how to rearrange them
- Keywords and meaning for the keywords using glossary available on Kerboodle for each topic.

RAG and Revisit:

[PLCs](#)

Explore:

Isaac Physics and IOP Newsletters

Revise:



Top tips and strategies:

- Learn the prefixes for multiples
- Learn the required practical methods
- Practice as many exam papers as possible

Prepare:

[Exam papers](#)

Which resources should you use?

Textbooks, websites, online resources

[Equation Sheet](#)

[ScienceDoctor Booklets](#)

[Save my exams](#)

[Cognito](#)

[Seneca](#)

[Maths and physics tutor](#)

[Free science lessons Playlist on Energy](#)

[Free science lessons Playlist on Electricity](#)

[Free science lessons Playlist on Molecules & Matter](#)

[Free science lessons Playlist on Radioactivity](#)

[Free science lessons Playlist on Forces](#)

[Free science lessons Playlist on Waves](#)

[Free science lessons Playlist on Magnetism](#)

[Free science lessons Playlist on Space](#)

[Past Papers](#)

[Physics Past Papers – Paper 1](#)

[Physics Past Papers – Paper 2](#)

[Summary Video](#)

[VIP ZONE](#)