Year 11 Science Parent Forum

Subject Leader- Dr Wisdom and Mrs Venables

‘Ports of call’

Mrs Venables/Dr Wisdom	Subject Leader	All queries Combined Science Triple Biology
Miss Walsh	Leader of Physics	Triple Physics
Mr Agor	Leader of Chemistry	Triple Chemistry

Exam board

Which exam board are we using?

AQA

This is for both Triple and Combined. Combined are following AQA Trilogy.

How many exams will my child sit?

- 6 written exams for Science- 2 for Biology, 2 for Chemistry and 2 for Physics.
- For Combined Science - each paper will be1 hour 15 minutes long and there are 70 marks available on each paper.
- For Triple Science - each paper will be1 hour 45 minutes long and there are100 marks available on each paper.

Foundation or Higher Tier entries

Which tier is my child going to sit?

Final decision will be made after the Year 11 PPEs.

H – Triple – Higher
I – Combined – Higher
J – Combined – Higher
K – Combined – SK Foundation NK Higher
L – Combined - Foundation

GCSE Examination dates

These should be released early Autumn, we'll communicate them as soon as we know them.

Key Dates

- 9th October 2025 - **Year 11 Progress Evening**
- Week beginning12th **and** 18th January 2025 – **PPE window**
- 26th March 2025 – **Year 11 Progress Evening**

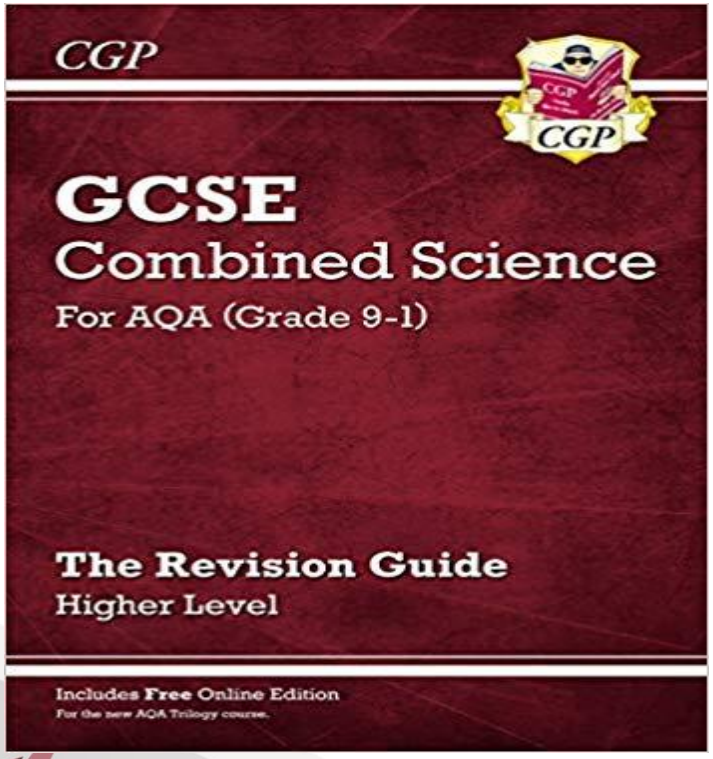
GCSE Combined Science grades

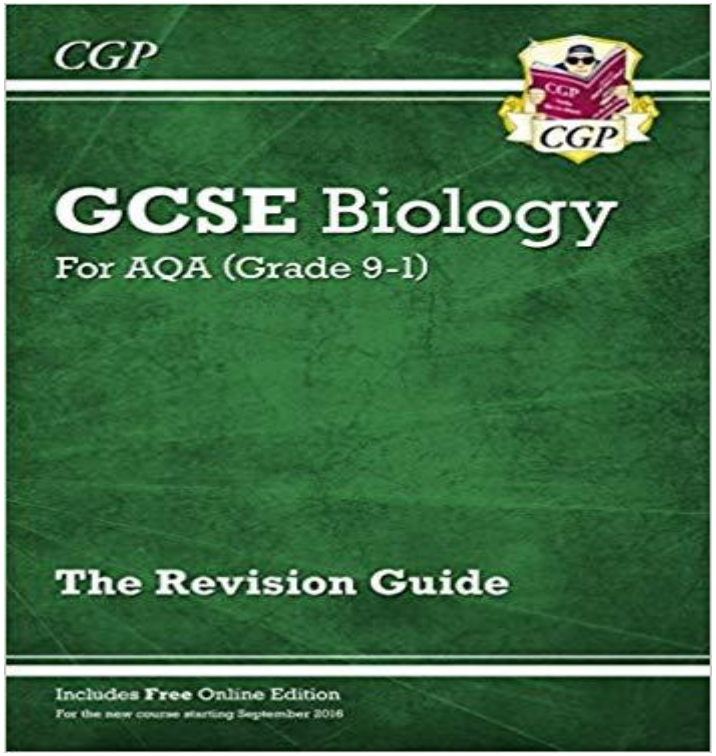
- Combined Science double weighted.
- Cumulative score across all 6 papers gives 2 grades.
- For 'point scores' students will get an average.

99	55
89	45
88	44
78	43
77	33
76	32
66	22
65	21
55	11

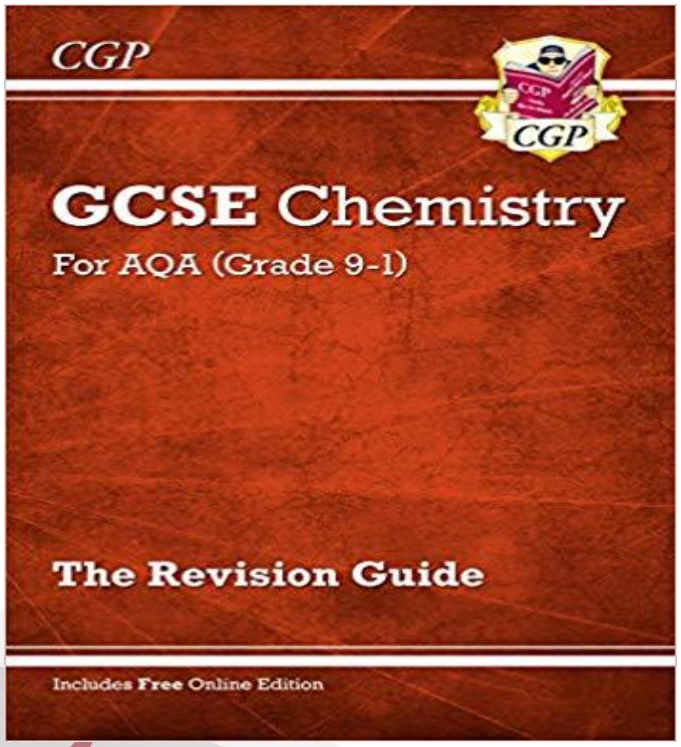
How can we help year 11 students prepare & revise for GCSE?

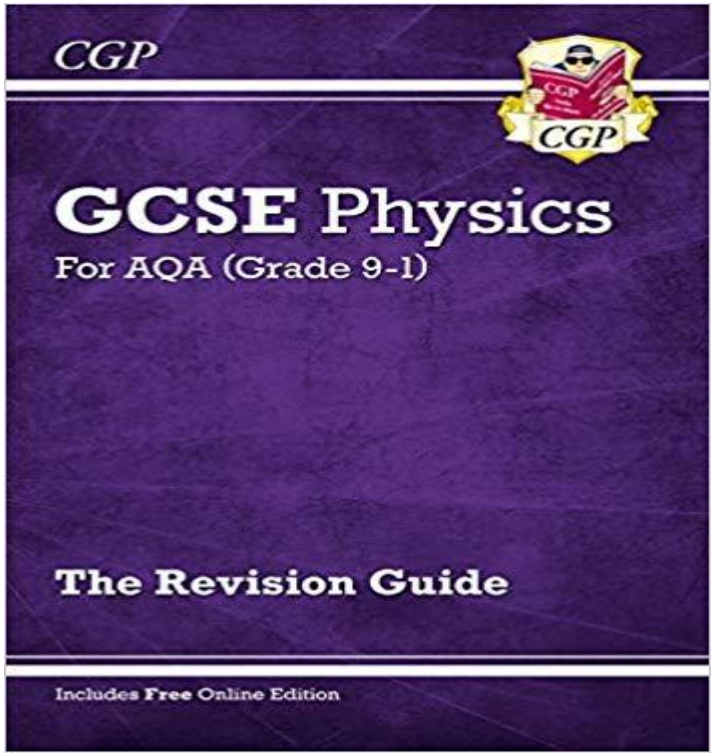
Science revision guides



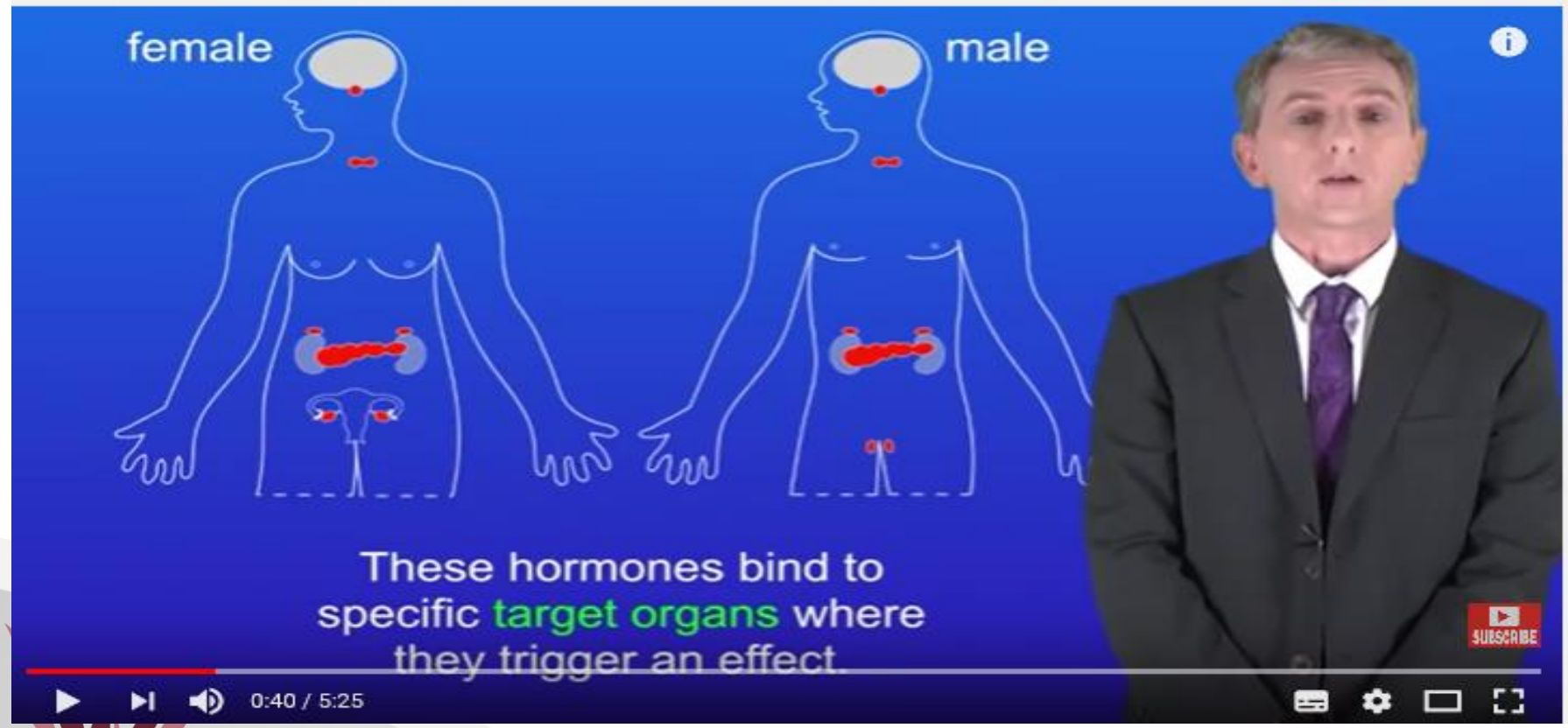


Science revision guides

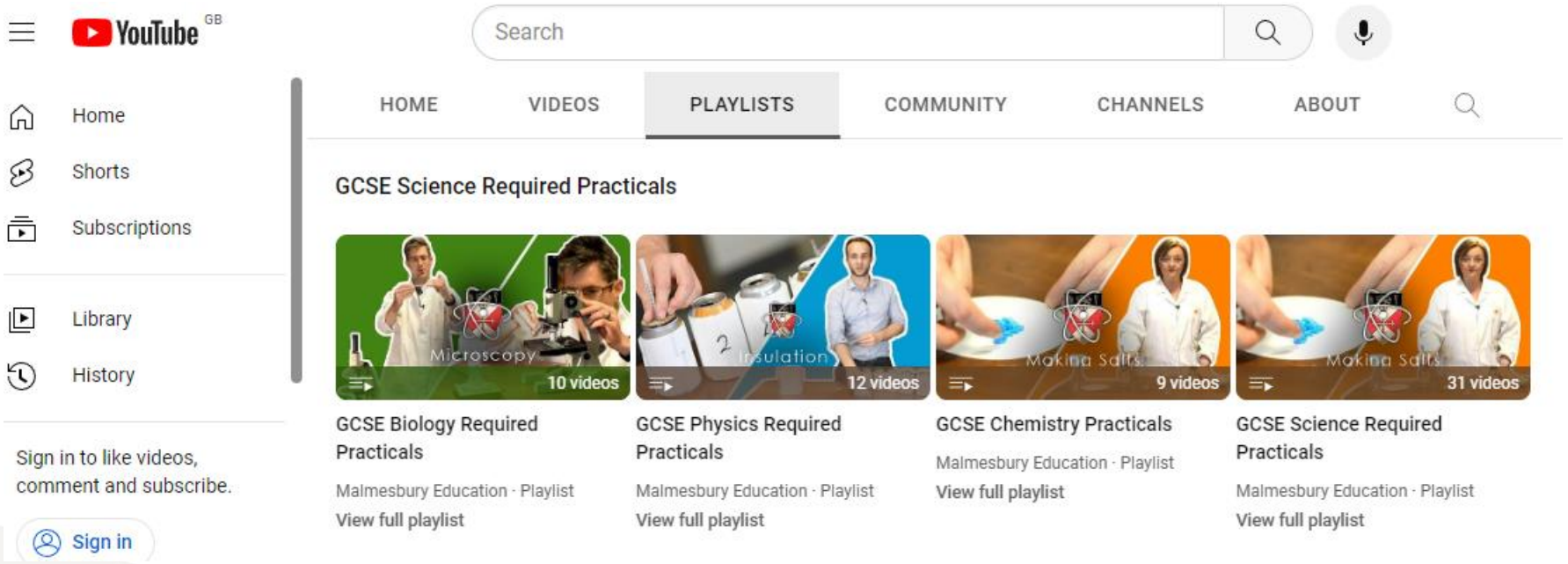




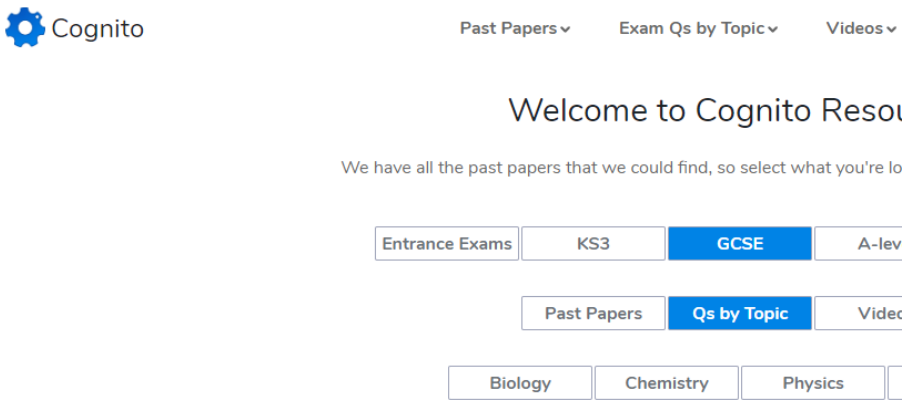
Useful websites – Free Science Lessons

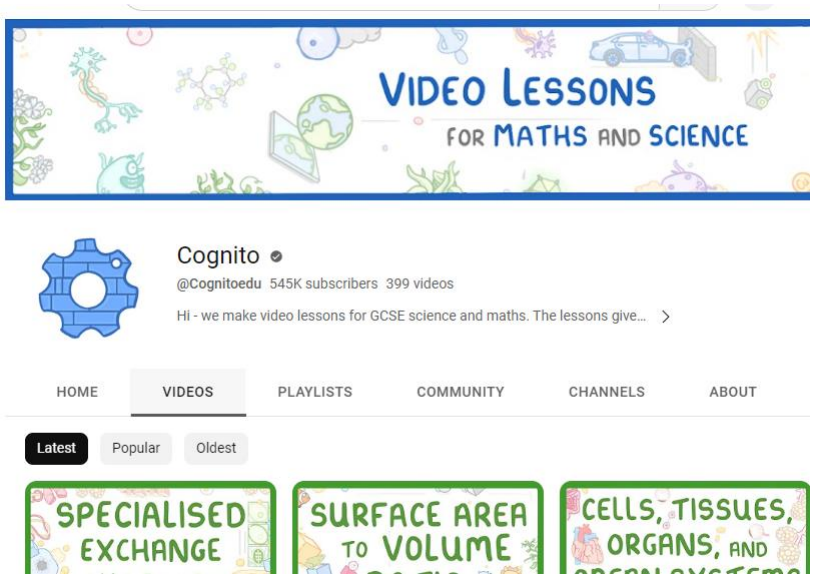


Useful websites – Malmesbury Education

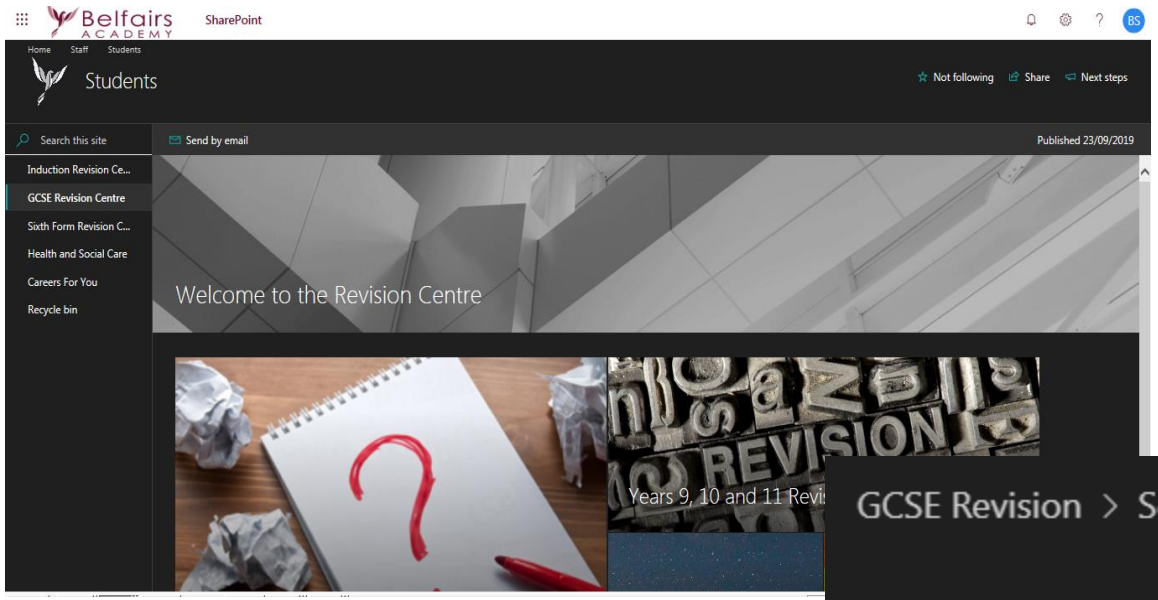


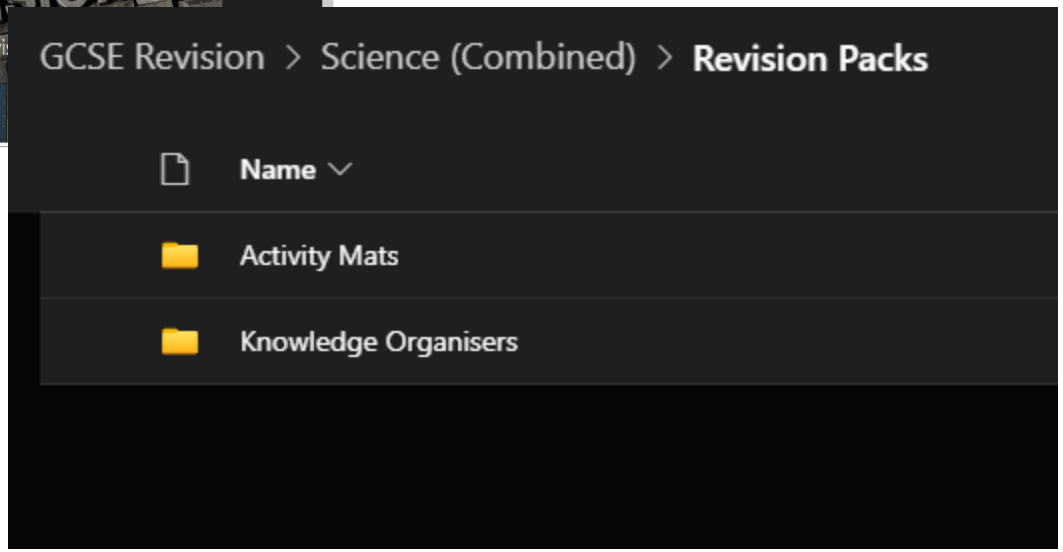
Useful websites – Cognito





Revision Centre





Combined Science Homework

Two types of homework, one of each per fortnight.
Class teacher homework
Learning homework

Supporting your child with Learning Homeworks

This is where you can really help your child prepare and revise for their GCSE:

- Get them to make flash cards on them.
- Test them verbally on these Qs.
- Get them to write out the answers and check answers.

P6 Intervention

Science – Thursdays.

Sessions to begin shortly – this will be communicated home.

Students will be invited to sessions that they should attend.

Triple Science

Students in sets 11SH & 11NH

These students will take 3 separate GCSEs, Biology, Chemistry & Physics

Triple Science

For each subject:

- 2 papers of 1 hour 45 minutes
- each paper is 100 marks
- Different topics in Paper 1 & 2
- The three grades are totally independent

Triple Science

Classes have a specialist teacher for each of the three subjects.

4 hrs Biology

3 hrs Chemistry

3 hrs Physics

Triple Science

AQA
Realising potential

GCSE
PHYSICS
(8463)

Specification
For teaching from September 2016 onwards
For exams in 2018 onwards

Version 1.1 30 September 2019

Triple Science

2 Specification at a glance

This qualification is linear. Linear means that students will sit all their exams at the end of the course.

2.1 Subject content

Triple Science

2.2 Assessments

Paper 1:
What's assessed Topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure.
How it's assessed • Written exam: 1 hour 45 minutes • Foundation and Higher Tier • 100 marks • 50% of GCSE
Questions • Multiple choice, structured, closed short answer and open response.

Paper 2:
What's assessed Topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space physics. Questions in paper 2 may draw on an understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from Energy (page 17) and Electricity (page 23).
How it's assessed • Written exam: 1 hour 45 minutes • Foundation and Higher Tier • 100 marks • 50% of GCSE
Questions • Multiple choice, structured, closed short answer and open response.

Triple Science

4.1.1 Energy changes in a system, and the ways energy is stored before and after such changes

4.1.1.1 Energy stores and systems

Content	Key opportunities for skills development
A system is an object or group of objects. There are changes in the way energy is stored when a system changes. Students should be able to describe all the changes involved in the way energy is stored when a system changes, for common situations. For example: • an object projected upwards • a moving object hitting an obstacle • an object accelerated by a constant force • a vehicle slowing down • bringing water to a boil in an electric kettle. Throughout this section on Energy students should be able to calculate the changes in energy involved when a system is changed by: • heating • work done by forces • work done when a current flows	The link between work done (energy transfer) and current flow in a circuit is covered in Energy transfers (page 29). WS 4.5

Triple Science

Students need to know:

- Scientific content
- Required practicals
- How to use data
- Formulas (mainly physics)
- Equations (mainly chemistry)

Triple Science

Scientific content:
A lot of learning, simple recall, knowing definitions and applications

Flashcards, mind maps, revision books

Triple Science

Required practicals:

Understanding what is the purpose of a practical and how it is carried out.

Class practicals, online videos, single page summary sheets

Triple Science

Using data:

Questions give data in a table or graph, interpreting information, calculations using the data.

Past papers, revision books, online videos

Triple Science

Physics formulas and Chemistry equations:

Old fashioned learning of facts.

21 physics formulas

Know the units, conversions & rearranging formulas

Formula sheets, blind testing, past paper questions