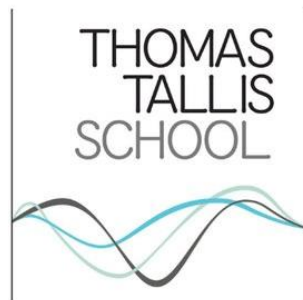


Year 11 GCSE Science

2023 Exams



Information for Parents and Pupils



When are the exams?

There are 6 exams for science, 2 in each science:

Biology Paper 1	Tuesday 16 th May 2023	AM
Chemistry Paper 1	Monday 22 nd May 2023	AM
Physics Paper 1	Thursday 25 th May 2023	AM
Biology Paper 2	Friday 9 th June 2023	PM
Chemistry Paper 2	Tuesday 13 th June 2023	AM
Physics Paper 2	Friday 16 th June 2023	AM

The Combined (double) science papers are **1 hour 15 minutes**.

The Separate (triple) science papers are **1 hour and 45 minutes**.

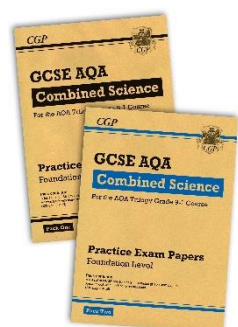
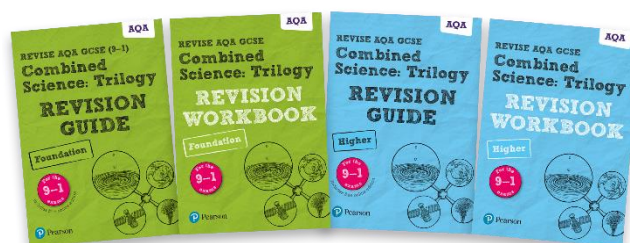
What topics do I need to revise?

Depending on if you are doing Combined (double) Science or Separate (triple) Sciences, you will need to revise the following topics for each paper:

	Biology	Chemistry	Physics
Paper 1	<ul style="list-style-type: none"> Cell Biology Organisation Infection and response Bioenergetics 	<ul style="list-style-type: none"> Atomic structure and the periodic table Bonding, structure, and the properties of matter Quantitative chemistry Chemical changes Energy changes. 	<ul style="list-style-type: none"> Energy Electricity Particle model of matter Atomic structure
Paper 2	<ul style="list-style-type: none"> Homeostasis and response Inheritance variation and evolution Ecology 	<ul style="list-style-type: none"> The rate and extent of chemical change Organic chemistry Chemical analysis Chemistry of the atmosphere Using resources. 	<ul style="list-style-type: none"> Forces Waves Magnetism and electromagnetism Space (Triple Physics only)

What revision resources are available?

All pupils have been issued with a **science revision guide and workbook** specific to the AQA exam board (green for foundation tier, blue for higher and triple).



Students will also be given **2 packs of GCP practise exam papers** to complete over the Easter Holidays.

They can check and correct these papers using the mark schemes provided. When they return to school after the holidays, their class teachers will go through specific questions pupils found difficult.

What online resource are available?

There is a collection of useful websites and checklists that pupils can download from the school Weebly site at:

www.sciencetallis.weebly.com/year11revision

The website can also be accessed using the QR code.



When is intervention?

Science interventions take place every Thursday Week B after school.

Some students have been specifically selected to attend a specific intervention session. All students are welcome to join any intervention session that will benefit them.

Dates	Intervention Sc1 (Biology and Physics) Ms Patel, 2228	Intervention Sc2 (Chemistry Only) Ms Onumonu, 1213	Triple Science Lectures (Triple students only) Various teachers, Main Hall
Thursday 30th March	Biology - Infection and Response	Chemical Changes	Biology - Infection and response, Monoclonal antibodies, Plant diseases (Mr Lloyd)
Thursday 27th April	Physics - Magnetism	Electrolysis	Chemistry - Chemical Changes (Mr Smythe)
Thursday 11th May	Biology - Cell Division	Quantitative Chemistry	Physics - Space (Mr Manning)

When is the Easter revision session?

There will be a science revision day during the Easter holidays on **Tuesday 4th April** for each subject. These sessions are open to all pupils.

Staff	AM (09:00 - 11.30)	PM (12.30 - 15:00)
Mr Wardell Room 1215	Biology Triple (A and B side)	Biology Higher and Foundation
Ms Onumonu Room 1213	Chemistry Triple (A and B side)	Chemistry Higher and Foundation
Mr Trynka Room 2225	-	Physics Triple (A and B side)
Ms Bichard-Collins Room 2229	-	Physics Higher and Foundation

Frequently asked questions

What exam board is used for science?

We follow the AQA Combined Science (also referred to as “double science”) or AQA Separate Sciences (also referred to as “triple science”) specifications.

What’s the difference between “double science” and “triple science”?

Both double science and triple science students are expected to learn Biology, Chemistry and Physics.

The double science GCSE covers *less* content than the triple science GCSE, and the exams are shorter.

For a double science pupil, their final grade will be awarded by considering the marks from all three sciences (6 papers in total) and they will be awarded two joint grades based on this, for example, “5-5” or “7-6”.

A triple science pupil will be awarded three separate grades for Biology, Chemistry and Physics, for example, a pupil may be awarded a grade 6 in Biology, 7 in Chemistry and 8 in Physics.

What do the numbered grades mean?

The current numerical grading system was introduced a few years ago to replace the previous lettered grades.

Grade 4 is considered a “standard pass” equivalent to the lower end of a C grade in the old grading structure.

Grade 7 and above is equivalent to A – A*, with grade 9 equivalent to the very top end of the old A* grade. Grades G – D have been replaced with grades 1 – 3.

New grades	Old grades
9	A*
8	A*
7	A
6	B
5 – Good Pass	B
4 – Standard Pass	C
3	D
2	E
1	F
1	G
U	U

What’s the difference between “higher tier” and “foundation tier”?

In a higher tier exam, 40% of the questions are pitched at grades 4 – 5 and 60% of the questions are pitched at grades 6 – 9. The *lowest* grade achievable on this tier is 3-4 in double science and 3 in triple science. The *highest* grade achievable on a higher tier paper is grade 9.

In a foundation tier exam, 60% of the questions are pitched at grade 1 – 3 and 40% of the questions are pitched at grade 4 – 5. The *lowest* grade achievable on a combined science foundation tier paper is grade 1-1, the *highest* grade achievable is a grade 5-5.

At Thomas Tallis School, all pupils entered for triple science will only be entered for the higher tier paper.