

Welcome to Year 11 revision information evening

September 2024

Dr Simpson

Deputy Headteacher: Curriculum and Raising Achievement



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Workshops this evening

On arrival you should have been given your route for the evening. There are four workshops for you to attend

Red Route



Activity	Rooms	Time
Overview, specifications, resources and key information	Hall	6:00pm
Revision Techniques Workshop	H5, H4, H3	6:30pm
Numeracy Workshop	P4, P3, E7	7:00pm
Literacy Workshop	VI1, VI2, VI study	7:30pm
Timetabling and Wellbeing Workshop	H6, H7, H8	8:00pm

Blue Route



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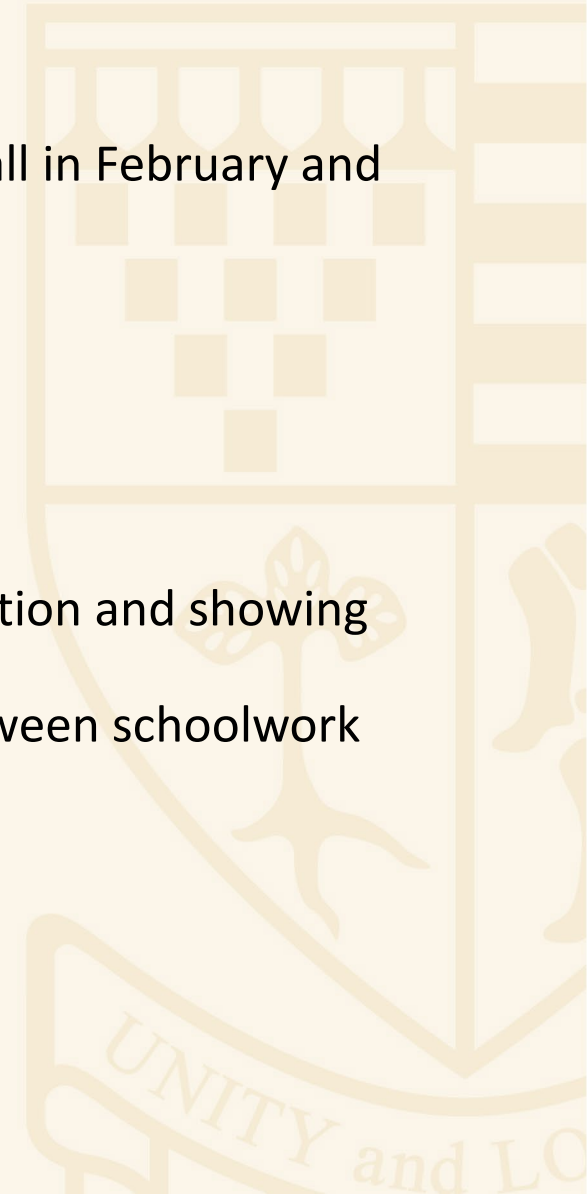


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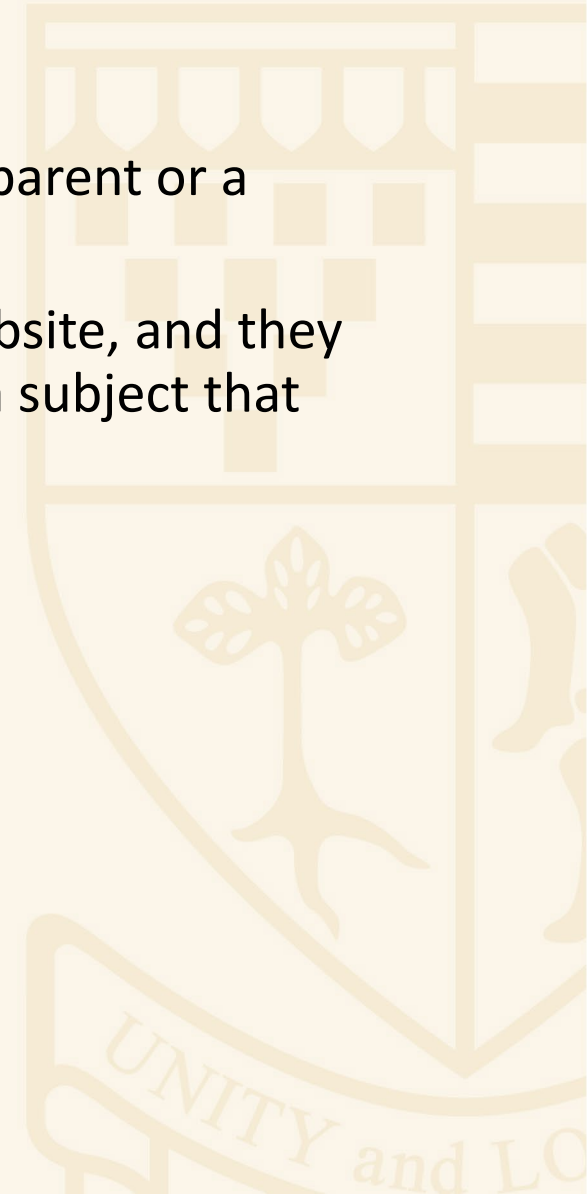
The purpose of this evening

- To support you in preparing for the Mocks in class in November, in the Sports Hall in February and the Summer Exams in 2025
- Explain how to find information for each subject that is being studied
 - Specifications
 - Examiners reports
 - Past papers
 - Revision materials
 - Mock and Summer Exam timetables
- Provide you with skills and techniques to help you revise and memorise information and showing you how technology can support revision
- Support you in creating revision timetables that maintain a healthy balance between schoolwork and other activities
- Provide key English and maths tips when tackling exam questions
- Give you a framework for revision



Exam specifications

- The single most important piece of information that you can access as a parent or a student is the exam specification
- These documents are freely available on the appropriate exam board website, and they list how each subject will be examined and all the aspects/topics within a subject that could be examined.
- Some examples:



English Language



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Subject content

- 1 [Explorations in creative reading and writing](#) (page 14)
- 2 [Writers' viewpoints and perspectives](#) (page 14)
- 3 [Non-exam assessment](#) (page 15)

For the award of the GCSE in English Language students must offer all three assessments.

Assessments

All texts in the examination will be unseen.

Paper 1: Explorations in Creative Reading and Writing
What's assessed Section A: Reading <ul style="list-style-type: none">• one literature fiction text Section B: Writing <ul style="list-style-type: none">• descriptive or narrative writing
Assessed <ul style="list-style-type: none">• written exam: 1 hour 45 minutes• 80 marks• 50% of GCSE
Questions Reading (40 marks) (25%) – one single text <ul style="list-style-type: none">• 1 short form question (1 x 4 marks)• 2 longer form questions (2 x 8 marks)• 1 extended question (1 x 20 marks) Writing (40 marks) (25%) <ul style="list-style-type: none">• 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

Paper 2: Writers' Viewpoints and Perspectives
What's assessed Section A: Reading <ul style="list-style-type: none">• one non-fiction text and one literary non-fiction text Section B: Writing <ul style="list-style-type: none">• writing to present a viewpoint
Assessed <ul style="list-style-type: none">• written exam: 1 hour 45 minutes• 80 marks• 50% of GCSE
Questions Reading (40 marks) (25%) – two linked texts <ul style="list-style-type: none">• 1 short form question (1 x 4 marks)• 2 longer form questions (1 x 8, 1 x 12 marks)• 1 extended question (1 x 16 marks) Writing (40 marks) (25%) <ul style="list-style-type: none">• 1 extended writing question (24 marks for content, 16 marks for technical accuracy)



Non-examination Assessment: Spoken Language
What's assessed (AO7–AO9) <ul style="list-style-type: none">• presenting• responding to questions and feedback• use of Standard English
Assessed <ul style="list-style-type: none">• teacher set throughout course• marked by teacher• separate endorsement (0% weighting of GCSE)



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Combined Science (Trilogy)



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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

Biology

1. [Cell biology](#) (page 20)
2. [Organisation](#) (page 26)
3. [Infection and response](#) (page 34)
4. [Bioenergetics](#) (page 39)
5. [Homeostasis and response](#) (page 42)
6. [Inheritance, variation and evolution](#) (page 49)
7. [Ecology](#) (page 59)

Chemistry

8. [Atomic structure and the periodic table](#) (page 67)
9. [Bonding, structure, and the properties of matter](#) (page 75)
10. [Quantitative chemistry](#) (page 84)
11. [Chemical changes](#) (page 88)
12. [Energy changes](#) (page 95)
13. [The rate and extent of chemical change](#) (page 98)
14. [Organic chemistry](#) (page 104)
15. [Chemical analysis](#) (page 107)
16. [Chemistry of the atmosphere](#) (page 110)
17. [Using resources](#) (page 115)

Physics

18. [Energy](#) (page 121)
19. [Electricity](#) (page 127)
20. [Particle model of matter](#) (page 135)
21. [Atomic structure](#) (page 138)
22. [Forces](#) (page 143)
23. [Waves](#) (page 155)
24. [Magnetism and electromagnetism](#) (page 159)

2.2 Assessments

There are six papers: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas.



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Biology Paper 1

What's assessed

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.



Biology Paper 2

What's assessed

Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.

Chemistry Paper 1

What's assessed

Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.



Chemistry Paper 2

What's assessed

Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.

Questions in Paper 2 may draw on fundamental concepts and principles from Sections 5.1 to 5.3.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.



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4.1 Cell biology

Cells are the basic unit of all forms of life. In this section we explore how structural differences between types of cells enables them to perform specific functions within the organism. These differences in cells are controlled by genes in the nucleus. For an organism to grow, cells must divide by mitosis producing two new identical cells. If cells are isolated at an early stage of growth before they have become too specialised, they can retain their ability to grow into a range of different types of cells. This phenomenon has led to the development of stem cell technology. This is a new branch of medicine that allows doctors to repair damaged organs by growing new tissue from stem cells.

4.1.1 Cell structure

4.1.1.1 Eukaryotes and prokaryotes

Content	Key opportunities for skills development
Plant and animal cells (eukaryotic cells) have a cell membrane, cytoplasm and genetic material enclosed in a nucleus.	
Bacterial cells (prokaryotic cells) are much smaller in comparison. They have cytoplasm and a cell membrane surrounded by a cell wall. The genetic material is not enclosed in a nucleus. It is a single DNA loop and there may be one or more small rings of DNA called plasmids.	
Students should be able to demonstrate an understanding of the scale and size of cells and be able to make order of magnitude calculations, including the use of standard form.	MS 1b, 2a, 2h WS 4.4 Use prefixes centi, milli, micro and nano.

4.1.1.2 Animal and plant cells

Content	Key opportunities for skills development
<p>Students should be able to explain how the main sub-cellular structures, including the nucleus, cell membranes, mitochondria, chloroplasts in plant cells and plasmids in bacterial cells are related to their functions.</p> <p>Most animal cells have the following parts:</p> <ul style="list-style-type: none"> • a nucleus • cytoplasm • a cell membrane • mitochondria • ribosomes. <p>In addition to the parts found in animal cells, plant cells often have:</p> <ul style="list-style-type: none"> • chloroplasts • a permanent vacuole filled with cell sap. <p>Plant and algal cells also have a cell wall made of cellulose, which strengthens the cell.</p>	<p>WS 1.2</p> <p>Recognise, draw and interpret images of cells.</p>
<p>Students should be able to use estimations and explain when they should be used to judge the relative size or area of sub-cellular structures.</p>	<p>MS 1d, 3a</p> <p>AT 7</p> <p>Images of cells in videos, bioviewers, photographs and micrographs can be used as comparison for students own drawings.</p>
<p>Required practical activity 1: use a light microscope to observe, draw and label a selection of plant and animal cells. A magnification scale must be included.</p> <p>AT skills covered by this practical activity: biology AT 1 and 7.</p> <p>This practical activity also provides opportunities to develop WS and MS. Details of all skills are given in Key opportunities for skills development (page 176).</p>	



French



GCSE FRENCH

(8658)

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

Version 1.2 18 May 2016



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3.5.1 Rubrics and instructions

The following is a guide to the sort of rubrics and instructions which will be used in Section B of the Listening and Reading exams. The list is indicative, not exclusive.

French	English
Attention ! Vous pouvez utiliser la même lettre plus d'une fois.	NB You can use the same letter more than once.
C'est quelle personne ? Ecrivez le nom de la bonne personne.	Which person is it? Write the name of the correct person.
C'est qui ? Ecrivez le nom de la bonne personne.	Who is it? Write the name of the correct person.
Choisissez (deux) phrases qui sont vraies.	Choose (two) correct sentences.
Choisissez la réponse correcte/la bonne réponse.	Choose the correct answer.
Complétez ... en français .	Complete... in French .
Complétez la grille.	Complete the grid.
Complétez le texte suivant avec les mots de la liste ci-dessous.	Complete the following text with words from the list below.
Complétez les phrases avec les mots de la liste.	Complete the sentences with words from the list.
Décidez si c'est Vrai (V), Faux (F) ou Pas Mentionné (PM). Ecrivez V, F ou PM.	Decide if it is True (V), False (F) or Not Mentioned (PM). Write V, F or PM.
Donnez (deux) détails.	Give (two) details.
Ecoutez ce passage/cette conversation/cette interview/ce reportage...	Listen to this passage/this conversation/this interview/this report...



Common questions

French	English
à quelle heure ?	at what time?
ça s'écrit comment ?	how is that written?
c'est combien ?	how much is it?
c'est quelle date ?	what is the date?
c'est quel jour ?	what day is it?
de quelle couleur ?	what colour?
d'où ?	from where?
pour combien de temps ?	for how long?
que veut dire... ?	what does... mean?
quelle heure est-il ?	what time is it?

3.5.2.9 Opinions

French	English
à mon avis	in my opinion
absolument	absolutely
affreux	awful
agréable	pleasant
amusant	funny
barbant	boring
bien entendu	of course
bien sûr	of course
ça dépend	that depends
ça m'énerve	it gets on my nerves
ça me fait rire	it makes me laugh
ça me plaît	I like it
ça m'est égal	it's all the same to me
ça ne me dit rien	it means nothing to me/I don't fancy that/I don't feel like it
ça suffit	that's enough
casse-pieds	annoying
certainement	certainly
cher	dear, expensive
chouette	great



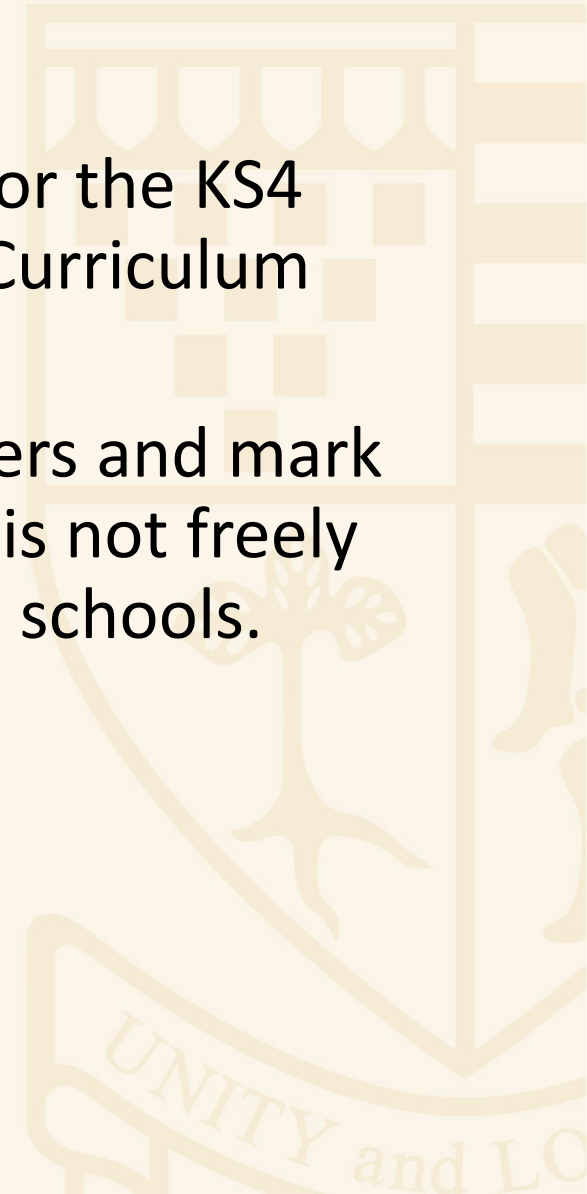
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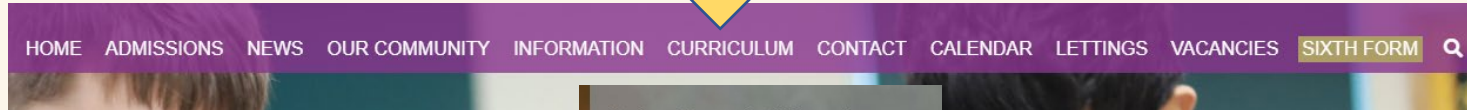
UNITY and LO

To help you find Exam Specifications

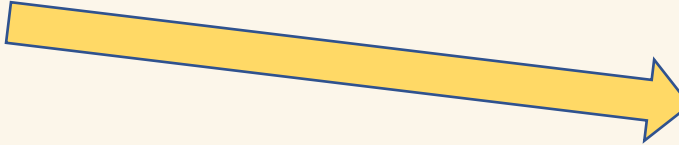
- A single document with links to each exam specification for the KS4 qualifications at Sheldon School can be found under the Curriculum tab on the website
- The exam boards also publish specimen papers, past papers and mark sheets for practice. It is usual that the most recent paper is not freely available, as they are held back for use for mock exams in schools.



To help you find Exam Specifications








- Business Economics & Computing
- Design and Technology
- English
- Humanities
- Languages
- Mathematics
- Performing & Expressive Arts
- Personal, Social and Religious Education
- Physical Education
- Science
- Careers and work experience
- Online Learning Resources
- KS4 Qualifications Summary
- KS4 Options
- Y11 Exam Revision



- Sheldon School website
- Curriculum
- KS4 Qualifications Summary

KS4 Qualifications Summary

Subject	Level	Exam Board	Specification Number	Link to Spec	Link to Website
Art and Design (Art, Craft and Design)	GCSE	EDUQAS	C650QS		Link
Art and Design (Fine Art)	GCSE	EDUQAS	C651QS		Link
Art and Design (Photography)8*	GCSE	EDUQAS	C656QS		Link
Art and Design (Textile design)	GCSE	EDUQAS	C653QS		Link
Business	GCSE	Pearson Edexcel	1BS0		Link



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Subjects / Science / GCSE / Combined Science: Trilogy (8464)

GCSE Combined Science: Trilogy (8464)

8464

Find all the information, support and resources

Teaching from: September 2016

Exams from: June 2018

QAN code: 601/8758/X

Specification

Planning resources



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Teaching resources

Assessment resources

Key dates



Assessment resources

Search resources



Newest first



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Showing 309 results

Resource type

- Centre declaration sheets (4)
- Examiner reports (39)
- Grade descriptors (1)
- Mark schemes (63)
- Notes and guidance (4)
- Practice questions (1)
- Question papers (197)

Component

Exam series



Centre declaration form: non-exam assessment, fieldwork and live performance: 2025

New

Published 10 Nov 2023 | PDF | 91 KB



Centre declaration form: non-exam assessment, fieldwork and live performance 2025

New

Published 10 Nov 2023 | DOCX | 314 KB



Insert (Foundation; Higher): equations sheet - June 2022

Published 14 Jul 2023 | PDF | 333 KB



Insert (Modified A3 36pt) (Higher): diagram booklets: Paper 1 Biology - June 2022

Published 14 Jul 2023 | PDF | 2.3 MB



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Overview – Exams 2025

- Exams in summer 2025 will go ahead as normal
- There will be no advance materials nor will there be equation sheets for maths and science
- There is no optionality in exam dates, they are held on that day and that day alone in the summer!
- There are some contingency days across the summer exam season and students are expected to be available on these days should that need arise. These days will be clearly shown in the summer exam timetable and in the Y11 Revision Booklet and are:
 - Wednesday 11th June (pm)
 - Wednesday 25th June (pm) – don't book holidays before this date!!

Key Dates

Key Dates 2024-25

Sixth Form Open Evening	15.10.2024
In-Class Mock Assessments – fortnight beginning	18.11.2024
Interim 1 reports home	17.12.2024
Face to Face Parent's Evening	07.01.2025
Mock examinations – fortnight beginning	24.02.2025
Interim report 2	03.04.2025
Examinations start	08.05.2025
Examinations end	19.06.2025
Exam Contingency Day	25.06.2025



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Lessons During the Mock Exam weeks

- Formal teaching will be suspended but students will be expected to go to their usual lessons where they will be able to revise for their next exam and get help and support from their classroom teachers

How will we support revision and exam preparation?

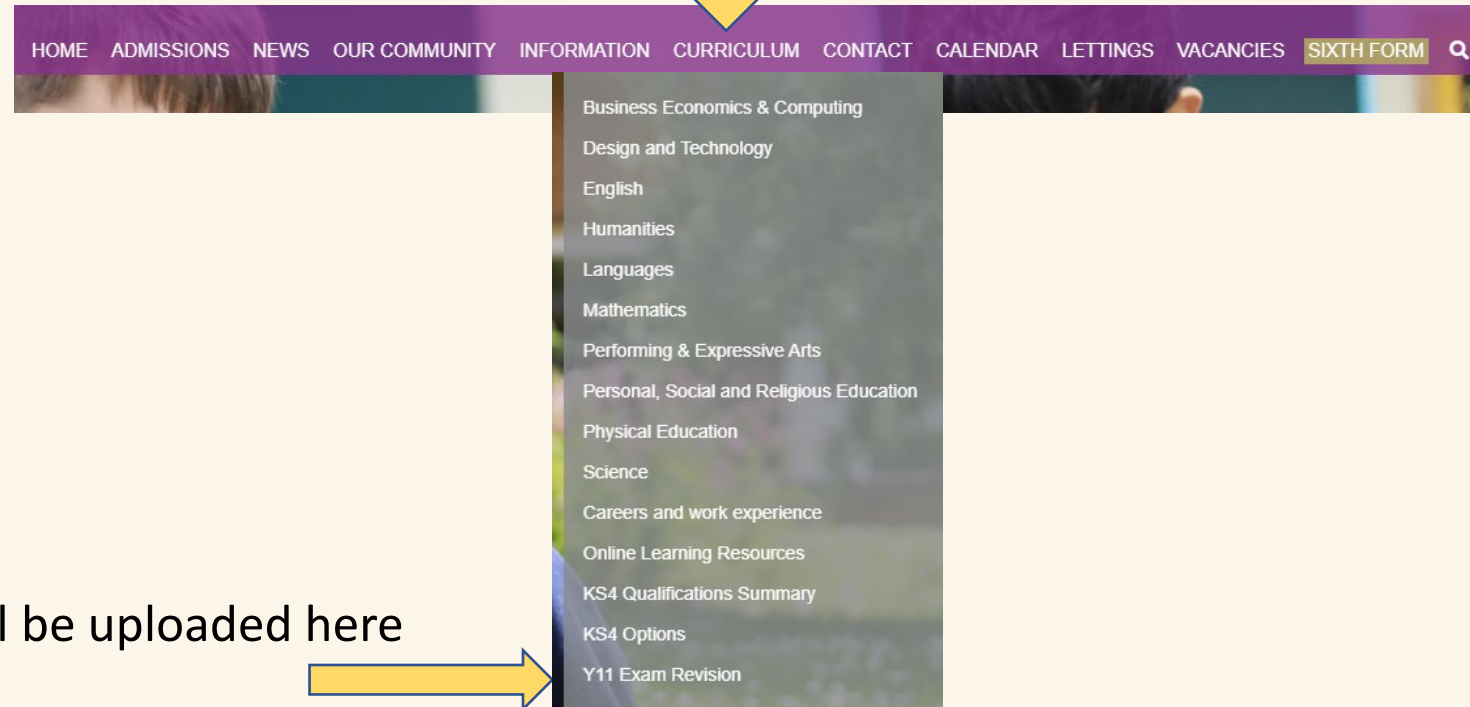
Revision Resources, Revision Homework and Revision Olympics



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To help you find the Y11 Revision Resources



- Sheldon School website
- Curriculum
- KS4 Qualifications Summary
- Revision evening resources
 - everything from the workshops will be uploaded here



YOU ARE HERE | [Main School](#) | [Curriculum](#) | [Y11 Exam Revision](#)

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- [Online Learning Resources](#)
- [KS4 Qualifications Summary](#)
- [KS4 Options](#)



Y11 EXAM REVISION

We support our Year 11 students on their path to exams with detailed study guides, subject area revision workshops and a information resources for parents and carers. Below you will find everything you need to help prepare for exams.

[Revision Olympics: Summer Exams Revision Plans](#)

Y11 REVISION RESOURCES



Revision Support

- In the run up to the classroom based mocks, each subject will ensure that students receive a list of areas that will be included
- Revision homework will be set through epraise
- A timetable will be published for when the assessments will be held
- After the in-class mocks in November, the Revision Olympics will start and these documents will guide students through revision tasks to prepare for the February mocks and the summer exams
- After school revision support sessions starting in early 2025

Expectations

- Attendance is key – students who have good attendance do better
 - 95% sounds great doesn't it?
 - That equates to one half day out of school every two weeks
 - Almost 60 lessons lost across the year
 - Students will be expected to be in school up to and including Friday 23rd May i.e. the last day of term 5
- Revision little and often is better than cramming
- We are expecting everyone to engage with the Revision Olympics and the after school revision sessions that we will put on in 2025
- If you don't understand, ask for help
- Get started on your revision – don't put it off!

How can you help your child?

- Make sure that they attend school >95%
- Make sure your child has a quiet place to work
- Help them to be organised
- Ask them to teach you something they have learned
- Help them stay positive
- Help them avoid distractions
- Ensure they are getting enough exercise, rest and are eating well
- Know when to back off!!

Workshops this evening

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<u>Revision Techniques Workshop</u>	H5, H4, H3	7:30pm
Overview, specifications, resources and key information	Hall	8:00pm

Yellow Route

Activity	Rooms	Time
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Numeracy Workshop	P4, P3, E7	7:30pm
Overview, specifications, resources and key information	Hall	8:00pm



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