

September 2023

Please complete our survey before you leave.





<u>Overview</u>

- Year 11 the Big Picture
- The Examinations
- Subject introductions
- Our offering
- How to support your child





This year

- Revision skills
- Exploring Post-16 options
 - Advice and Guidance interviews with trained advisors
 - Courses and providers
 - Personal Development and Focus Day programme
- Application writing
- Regular progress reports
- Two sets of mock exams Oct/Nov and Feb/March
- Controlled assessments
- Exams
- Year 11 Prom!
- Results Day 22 August 2024



Year 11 Leavers Prom

- Friday 28 June 2024, WBA Stadium
- Ticket will include meal, welcome drinks, DJ, photobooth
- We will involve students in the decision making and form a Prom Committee
- All students are invited to attend there are no selection criteria*
- (the only time we would withdraw a student's Prom ticket is if they displayed really poor behaviour)





When do the exams start?

- The main summer examination season begins on Thu 9th May 2024
- The season ends on 26th June 2024
- You must not book holidays until after this date

Students will have their morning exams starting at **9:00am** and their afternoon exams at **1:30pm**. The times of the exams cannot be changed (unless individual students have clashes – these will be discussed and resolved with the Exams Officer).

Students must be on time for all their exams as they might not be marked by the Exam Board if they arrive late. We have a legal obligation to inform the Exam Boards of students arriving late to maintain the national security of the exams.



						The	Summer 2024 - Pro dates on the timetable below are provis						am Boards.		
					AM - ALL	MORNING EXAMS	START AT 9:00am					PM - /	ALL AFTERNOON EX	KAMS START AT 1:30pm	
Date	Day	Start Time	Exam Board	Qualification	Exam Code	Subject	Title	Exam Duration	Start Time	Exam Board	Qualification	Exam Code	Subject	Title	Exam Duration
										AQA	GCSE	8633/LF 8633/LH	Italian Italian	Italian Paper 1 - Listening Foundation Italian Paper 1 - Listening Higher	35m 45m
09-May-24	Thu	9:00am	AQA	GCSE	8062 Paper 1	Religious Studies A	Religious Studies A Paper 1	1h 45m	1:30pm	AQA	GCSE	8633/RF 8633/RF	Italian Italian	Italian Paper 3 - Reading Foundation Italian Paper 3 - Reading Higher	45m
								<u> </u>		AQA	GCSE	8668/LF	German	German Paper 1 - Listening Foundation	35m
10-May-24	Fri	9:00am	AQA	GCSE	8464/8/1F and 1H	Combined Science: Trilogy	Combined Science: Trilogy - Biology Paper 1 (both tiers)	1h 15m	1:30pm	AQA	GCSE	8668/LH 8668/RF	German German	German Paper 1- Listening Higher German Paper 3 - Reading Foundation	45m 45m
			AQA	GCSE	8461/1F and 1H	Biology	Biology Paper 1 (both tiers)	1h 45m		AQA	GCSE	8668/RH	German	German Paper 3 - Reading Higher	-som 1h
13-May-24	Mon	9:00am	AQA	GCSE	8702/1	English Literature	English Literature Paper 1	1h 45m							
			AQA	GCSE GCSE	8658/LF 8658/LH	French	French Paper 1 - Listening Foundation French Paper 1 - Listening Higher	35m 45m							
14-May-24	Tue	9:00am	AQA	GCSE	8658/RF	French	French Paper 3 - Reading Foundation	45m	1:30pm	OCR	GCSE (9-1)	1204/01	(Business)	Business 1: business activity marketing and people - Written Paper	1h 30m
			AQA	GCSE	8658/RH	French	French Paper 3 - Reading Higher	1h							
15-May-24			Pearson	GCSE	1110 10-13	History	Paper 1: Thematic study and historic environment	1h 15m	1:30pm	OCR	GCSE (9-1)	1277/01	(Computer Science)	Computer Systems - Written Paper	1h 30m
16-May-24	Thu	9:00am	Pearson	GCSE	1MA1 1F and 1H	Mathematics	Paper 1 (Non-Calculator) (both tiers)	1h 30m	1:30pm	AQA	GCSE	8062/2A and 2B	Religious Studies A	Religious Studies A Paper 2	1h 45m
17-May-24	Fri	9:00am	AQA	GCSE GCSE	8464/C/1F and 1H 8462/1F and 1H	Combined Science: Trilogy Chemistry	Combined Science: Trilogy - Chemistry Paper 1 (both tiers) Chemistry Paper 1 (both tiers)	1h 15m 1h 45m	1:30pm	AQA	GCSE	8035/1	Geography	Geography Paper 1	1h 30m
20-May-24	Mon	9:00am	AQA	GCSE	8702/2	English Literature	English Literature Paper 2	2h 15m	1:30pm	AQA AQA	GCSE GCSE	8633/WF 8633/WH	Italian Italian	Italian Paper 4 - Writing Foundation Italian Paper 4 - Writing Higher	1h 1h 15m
21-May-24	Tue	9:00am	AQA AQA	GCSE GCSE	8668/WF 8668/WH	German German	German Paper 4 - Writing Foundation German Paper 4 - Writing Higher	1h 1h 15m	1:30pm	OCR	GCSE (9-1)	1277/02	(Computer Science)	Computational thinking algorithms and programming - Written Paper	1h 30m
22-May-24	Wed	9:00am	AQA AQA	GCSE GCSE	8464/P/1F and 1H 8463/1F and 1H	Combined Science: Trilogy Physics	Combined Science: Trilogy - Physics Paper 1 (both tiers) Physics Paper 1 (both tiers)	1h 15m 1h 45m	1:30pm	OCR	GCSE (9-1)	1587/01	(Physical Education)	Physical factors affecting performance - Written Paper	1h 00m
23-May-24	Thu	9:00am	AQA	GCSE	8700/1	English Language	English Language Paper 1	1h45m							_
24-May-24	Fri	9:00am	AQA AQA	GCSE GCSE	8658/WF 8658/WH	French	French Paper 4 - Writing Foundation French Paper 4 - Writing Higher	1h 1h 15m							
			ringin	U.S.	as any trit	menga		lay Ha	lf-Ter	m					
03-Jun-24	Mon	9:00am	Pearson	GCSE	1MA1 2F and 2H	Mathematics	Paper 2 (Calculator)(both tiers)	1h 30m	1:30pm	OCR	GCSE (9-1)	1587/02	(Physical Education)	Socio-cultural issues and sports psychology - Written Paper	1h 00m
04-Jun-24	Tue								1:30pm	Pearson	GCSE	1HI02A-2W	History	Paper 2: British depth study & Period study	1h 45m
05-Jun-24	Wed	9:00am	AQA	GCSE	8035/2	Geography	Geography Paper 2	1h 30m	1:30pm	OCR OCR	GCSE (9-1) CAMBRIDGE NATIONAL	1204/02 R032/01	(Business) (Health and Social Care)	Business 2: operations finance and influences on business - Written Paper Principles of care in health and social care settings:Written Paper	1h 30m 1h 15m
06-Jun-24	Thu	9:00am	AQA	GCSE	8700/2	English Language	English Language Paper 2	1h 45m							
07-Jun-24	Fri							_	1:30pm	AQA	GCSE		Combined Science: Trilogy	Combined Science: Trilogy - Biology Paper 2 (both tiers)	1h 15m
				_	_			_		AQA	GCSE	8461/2F and 2H	Biology	Biology Paper 2 (both tiers)	1h 45m
10-Jun-24	Mon	9:00am		GCSE	1MA1 3F and 3H	Mathematics	Paper 3 (Calculator) (both tiers)	1h 30m	1:30pm	OCR	CAMBRIDGE NATIONAL	R093/01	(Creative iMedia)	Creative iMedia in the media industry:Written Paper	1h 30m
11-Jun-24	Tue	9:00am	AQA AQA	GCSE GCSE	8464/C/2F and 2H 8462/2F and 2H	Combined Science: Trilogy Chemistry	Combined Science: Trilogy - Chemistry Paper 2 (both tiers) Chemistry Paper 2 (both tiers)	1h 15m 1h 45m	1:30pm	Pearson	GCSE	1HI0 30-33	History	Paper 3: Modern depth study	1h 20m
										AQA AQA	GCSE	8688/LF 8688/LH	Polish Polish	Polish Paper 1- Listening Foundation Polish Paper 1 - Listening Higher	35m 45m
										AQA	GCSE	8688/RF	Polish	Polish Paper 3 - Reading Foundation	45m
12-Jun-24	Wed								1:30pm	AQA	GCSE	8688/RH	Polish	Polish Paper 3 - Reading Higher	1h
										AQA	GCSE	8683/LF 8683/LH	Panjabi Panjabi	Panjabi Paper 1 - Listening Foundation Panjabi Paper 1 - Listening Higher	35m 45m
										AQA	GCSE	8683/RF	Panjabi	Panjabi Paper 3 - Reading Foundation	45m
										AQA	GCSE	8683/RH	Panjabi	Panjabi Paper 3 - Reading Higher	1h
14-Jun-24	Fri	9:00am	AQA	GCSE	8035/3	Geography	Geography Paper 3	1h 15m	1:30pm 1:30pm	AQA AQA	GCSE	8464/P/2F and 2H 8463/2F and 2H	Combined Science: Trilogy Physics	Combined Science: Trilogy - Physics Paper 2 (both tiers) Physics Paper 2 (both tiers)	1h 15m 1h 45m
										AQA	GCSE	8683/WF	Panjabi	Panjabi Paper 4 - Writing Foundation	1h
18-Jun-24	Tue	9:00am	WIEC	GCSE	C600U10-1	Design and Technology	Design and Technology Component 1 (Eduqas)	2h 00m	1:30pm	AQA	GCSE	8683/WH	Panjabi	Panjabi Paper 4 - Writing Higher	1h 15m
	- the									AQA	GESE	8688/WF	Polish	Polish Paper 4 - Writing Foundation	1h
										AQA	GCSE	8688/WH	Polish	Polish Paper 4 - Writing Higher	1h 15m
26-Jun-24	Wed						CONTINGENCY DAY - AL Your fan				MUST BE AVAI until after this o		S DAY.		

In addition to the written exams listed above, you will have to complete all the Non-Examinations assessments, Speaking & Listening exams, coursework and practical assessments for the subjects you are studying. Your teachers will inform you of the dates and deadlines for these.



Non-examination assessments

Subjects include:

- Creative iMedia
- Health and Social care
- Drama
- Music

Teachers will inform students and families of the dates of these assessments Some will be in January, some in the summer – we will let you know asap.



Languages – Speaking Exams

Language teachers will conduct the Speaking exams.



Qualified examiners will conduct the Community Languages Speaking exams.



Minutes before the actual exam starts, the students will be individually given their prep materials, and they will have a set time to prepare for the Speaking exam under exam conditions (approx. 10-15min).



The Speaking exam will be recorded and send to the Exam board to mark.

Excellent attendance is crucial

LOTS of content to be covered

Application of knowledge

Controlled assessments

Revision

The exams themselves

What support school will provide

A targeted Study Support programme

- Students who are identified as working below where we expect will be directed to attend afterschool sessions in specific subjects
- It may be that a student is directed to a programme of sessions on a particular topic, makes progress, then can attend a different subject

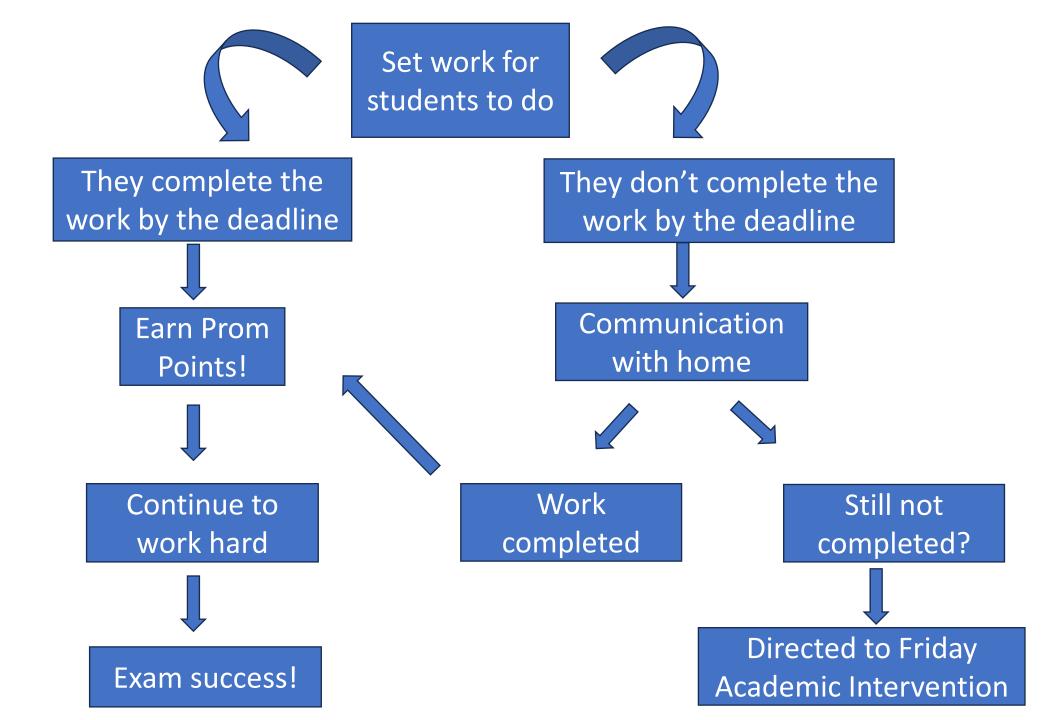
A weekly programme of independent revision

- Subjects will set revision and review tasks each week.
- This will be shared via the Student Portal, Edulink noticeboard and email
- We need your support to make sure students do this

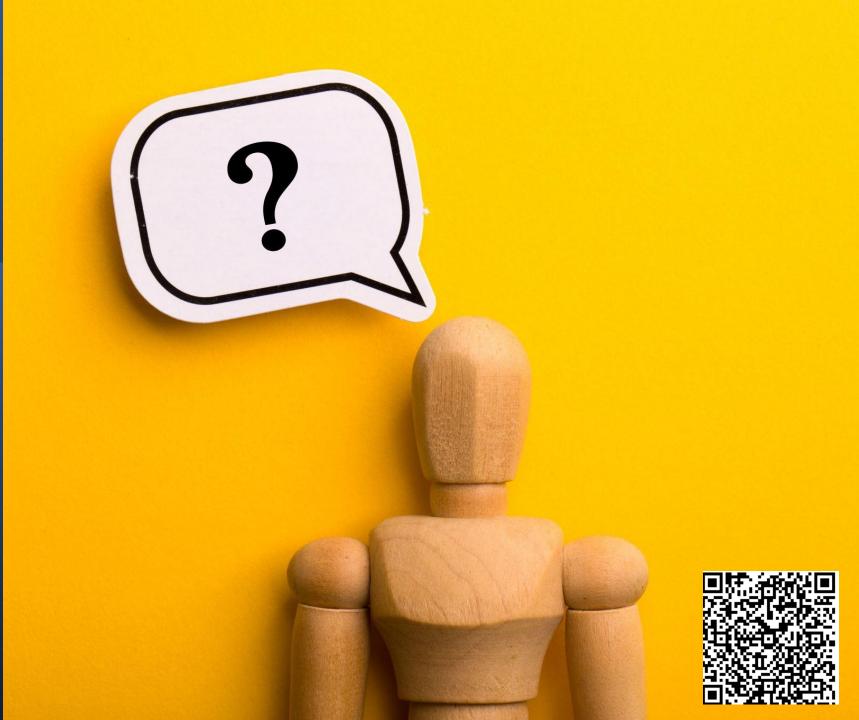
Homework

- Regular homework to support and consolidate the learning in lessons
- Many subjects will still be covering new content until March/April time, eg Science (as the course is so big)

- Sessions during Feb half term and Easter – to be confirmed
- Students will be invited in for masterclasses and intensive intervention – this will be based on predicted grades



What we need from you:



Check – ask your child







What revision have you done today?

Show me the revision you've completed this week What else can you do?

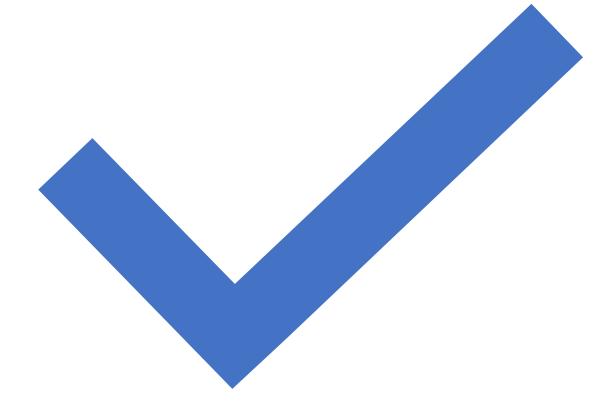
Revision

Reviewing and studying work and information that **has already been learned.**

The purpose of revision is to:

- reinforce and consolidate learning
- gain a deeper understanding of the subject matter
- identify areas of weakness
- improve memory retention.
- prepare for success on exams or assessments.

Revision is not learning a topic for the first time because it was missed out.



Repetition



Set realistic goals

Students are not going to:

- revise an entire topic in one evening
- be able to make perfectly beautiful flash cards for every thing you need to know
- memorise everything instantly
- become an expert overnight

Students are going to have to:

- put effort into revision over a long period of time
- be selective what are the most important parts that need to be learned?
- start with topics that are more challenging
- demonstrate resilience



Make your child start early

- Plan the time between now and the exams
- Little and often is best
- Cramming the night before does not work
- Leaving it till the week before the exam is too late – there is too much content to cover and this leads to feeling overwhelmed
- Students need to be revising NOW

Space to revise

A quiet area at home – bedroom, corner of the living room, kitchen table...

- Revision guides
- Class books
- Topic checklists
- Flash cards
- Paper or a notebook
- Pens and colours
- Highlighter pens
- A folder with dividers and pockets to keep notes and flashcards organised



Make sure they know what to revise and where to find resources





Work covered in the subject in Year 10 and 11



Subject Teams contain past lessons



Revision checklists from subjects



Revision guides and materials have been provided to students when they were in Year 10

What have we provided for students?

- Science Combined Science Revision guide
- Biology, Chemistry, Physics Revisions guides
- English texts, anthologies
- Maths revision guide, workbook, flash cards
- German revision guide, workbook, access to textbook via Kerboodle
- PE revision booklets
- Geography revision guide
- History revision booklets including revision mind maps, revision guides / workbooks (*will be given in Year 11*)
- RE revision guide



revise tO ow when

Revision homework will be set weekly by subjects – there will be a plan for students to follow

Independent revision is also essential

Regular, short chunks of time – 20-30 minute sessions with 5 minute breaks

Interleaved learning – switch between topics

Year 10 Revision Timetable

- Topics are identified with page numbers or resources
- More than one subject per night in small chunks
- Revision for English is included
- Timed sessions

Week beginning	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
01/05/23							
08/05/23	Biology – B3 Enzymes Chem – C1 atomic structure	Maths – Algebra 30 mins Physics - circuits 30 mins	English Lang Q5 30 mins German - vocab 30 mins	Eng Lit An Inspector Calls <mark>30 mins x 2</mark>	History Medicine <mark>40 mins</mark>		
15/05/23	Make flash cards from pg 34-38 in Chem revision guide – 20 minutes	Mind map of conflict poems 60 mins					
22/05/23							
29/05/23 Half Term							
05/06/23							
12/06/23	English Language Geog Paper 1	Maths Paper 1 History Paper 1	Combined Science Science – Biology Business RE Paper 1 History Paper 2	Physics – Triple German Paper 1	Maths Paper 2 Comp Sci Paper 1		
19/06/23	Geog Paper 2 German Paper 2F	GCSE PE Comp Sci Paper 2 RE Paper 2	German Paper 2H Combined Science Chemistry Triple	English Literature	Art		

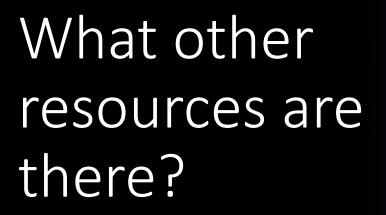
Highlight your <u>exams</u>



Active revision techniques

The best ones are:

- Q and A flash cards
- Mind maps organising topics in a visual way
- Practise exam questions
- Teaching someone else





Online resources

Seneca

Sparx Maths

Century

DigitalTheatre+

Kerboodle

Mathswatch

All lessons on Subject Teams

Seneca

• Learn 2x Faster

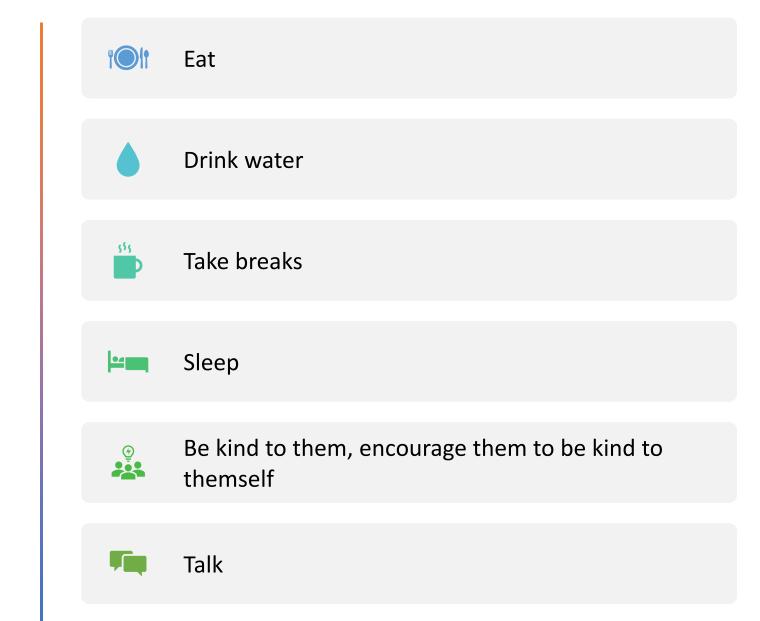
- Seneca's groundbreaking research involved 1,120 students and was published in the peer reviewed academic journal IMPACT. The study found that students using Seneca performed 105% better than peers studying using revision guides alone.
- Teachers will set assignments for students to complete as homework

How can the parent platform help teachers? | Seneca Learning Help Center

›는 SENECA



Self care



Positivity

- The power of 'yet'
- Getting started is the hardest part
- Doing something anything is better than doing nothing

BELIEVE
BELLE

20772430_0.jpg (630×630) (cloudinary.com)

English

The Department Head of English: Mrs Brown Second in English: Mr Uddin Mr Smith (Head of Year 11) Miss Davidson Miss Awan

GCSE English

Select your qualification

Current

Find past papers, specifications, key dates and everything else you need to be prepared for your exams.



GCSE English Literature

8702

Next exam: 13 May 2024 English Literature Paper 1

Past papers >



GCSE English Language 8700

Next exam: 7 November 2023 English Language Paper 1

Past papers >

Taught in year 10 Taught in year 11

English Language: Paper 1 Explorations in creative reading and writing

Section A:	Section B:
Reading	Writing
	The even nenero

The exam papers

The grade you receive at the end of your AQA GCSE English Language course is entirely based on your performance in two exam papers. The following provides a summary of these two exam papers:

REVISE AQA GCSE

ENGLISH LANGUAGE TAROETING GRADE 5

English Language: Paper 2 Writers' Viewpoints and Perspec	tives	Exam paper	Reading and Writing questions and marks	Assessment Objectives	Timing	Marks (and % of GCSE)
Section A:	Section B:	Paper 1: Explorations in creative reading and writing	Section A: Reading Exam text: • One unseen literature fiction text Exam questions and marks:	Reading: • AO1 • AO2 • AO4	1 hour 45 minutes	Reading: 40 marks (25% of GCSE) Writing: 40 marks
Reading	Writing		One short form question (1 x 4 marks) Two langer form questions (2 x 8 marks) One extended question (1 x 20 marks)			(25% of GCSE) Paper 1 total: 80 marks (50% of GCSE)
			Section B: Writing Descriptive or narrative writing Exam question and marks: • One extended writing question (24 marks for content, 16 marks for technical accuracy)	Writing: • AO5 • AO6		(50% OF GC3E)
English Language: Spoken Language		Paper 2: Writers' viewpoints and perspectives	Section A: Reading Exam text: • One unseen non-fiction text and one unseen literary non-fiction text Exam questions and marks: • One short form question (1 x 4 marks) • Two longer form questions (1 x 8 marks and 1 x 12 marks) • One extended question (1 x 16 marks)	Reading: • A01 • A02 • A03	1 hour 45 minutes	Reading: 40 marks (25% of GCSE) Writing: 40 marks (25% of GCSE) Paper 2 total: 80 marks (50% of GCSE)
			Section B: Writing Writing to present a viewpoint Exam question and marks: • One extended writing question (24 marks for content, 16 marks for technical accuracy)	Writing: • AO5 • AO6		

Taught in year 10 Taught in year 11

English Literature: Paper 1		
Section A:	Section	n B:
	WBCA hosts a performance of Macbeth on the 20 th February	range Case of Dr Jekyll and Mr Hyde
English Literature: Paper 1		
Section A:	Section B:	Section C.
An Inspector Calls J.E Pri	B. estley	<mark>Unseen Poetry</mark>
An Coo and C	Inspector Is Other Plays	

Current Year 11 Cohort

Content covered:

The current year 11s have covered the following content: Macbeth (full study and annotated scripts), Language paper 1 (all questions), An Inspector Calls, 7 Conflict poems (annotated anthologies), Language paper 2 and Spoken Language

Resources:

The current year 11s have study companions for Macbeth and An Inspector Calls, an AQA anthology partially annotated and an AQA English Language workbook.

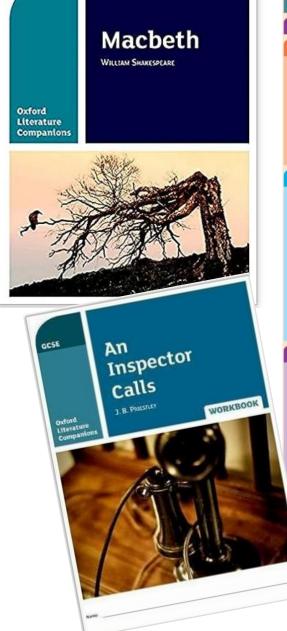
Still to come:

- Power poems: (Ozymandias, My Last Duchess, The Emigree, Storm on the Island, Checkin Out Me History, The Prelude, Tissue and London)
- Jekyll and Hyde: Copies provided

Recall and Relearn \rightarrow

Term 1A	Half term	Term 1B	Christmas	Term 2A	Term 2B	
Power PoemsCreative Writing		Jekyll and HydePaper 1 Recall		AICPaper 2 language	 Power and Conflict Poetry 	
 (Recall and home learning Macbeth) 		<mark>Mocks:</mark> Paper 1 Lit Paper 1 Language		Mocks: Paper 2 Lit Paper 2 Language		

WBCA – English Department - Introducing the year



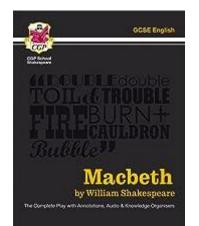
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There are lots of revision guides available in addition to those provided by the school.

If you buy extra, make sure you choose AQA materials





Production Macbeth Royal Shakespeare Company

2h 5m





Production Macbeth Stratford Festival

Series

Title

2h 19m

Production Macbeth Tara Arts

Essay

2h 8m

2h 32m

L

Series Lesson Toolkits: Macbeth

Macbeth: A Critical

Introduction Jatinder Verma

What's available on Digital Theatre+





Series

Calls

Study guide

Inspector Calls **Giles** Gough

An Inspector Calls

Lesson Toolkits: An Inspector



Series **Unlocked: An Inspector Calls**

Being Shakespeare

Unlocked: Macbeth



1h 27m Production An Inspector Calls BBC



E-learning 7m Unlocking Language in An **Inspector Calls**





E-learning Unlocking Structure in An **Inspector Calls**

Unlocked Study Guide: An



9m

Online Learning Resources

- www.century.tech Complete activities based on GCSE courses
- www.senecalearning.com/en-GB/ Complete activities and guizzes based on GCSE courses
- <u>www.DigitalTheatre+.com</u> watch the plays we have studied. Access critical essays and other performance materials •
- www.openculture.com watch and listen to anything from audiobooks, documentaries and speeches. ٠
- www.vocabulary.com/lists you can use this website to practise vocabulary •

YouTube – English specialists

- Mr Bruff 1.
- Mr EverythingEnglish 2.
- 3. Miss Cole
- **Mr** Salles 4.

Recent courses

HyperLearning

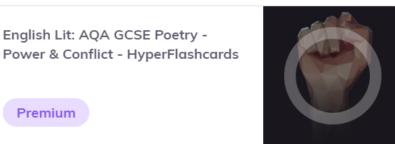
Premium

Premium

English Lit: AQA GCSE Macbeth -

English Lit: AQA GCSE Poetry -

See all





Maths Head of Maths: Miss Richards Second in Maths: Ms Elsabagh Miss Thapa **Miss Pham** Mr Nirwal

1 2'+ B' = × 44

y= 25+40

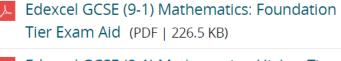


> Our qualifications > GCSEs > Mathematics (9-1) from 2015 > 2023 support

Pearson Edexcel GCSEs Mathematics (9–1) from 2015

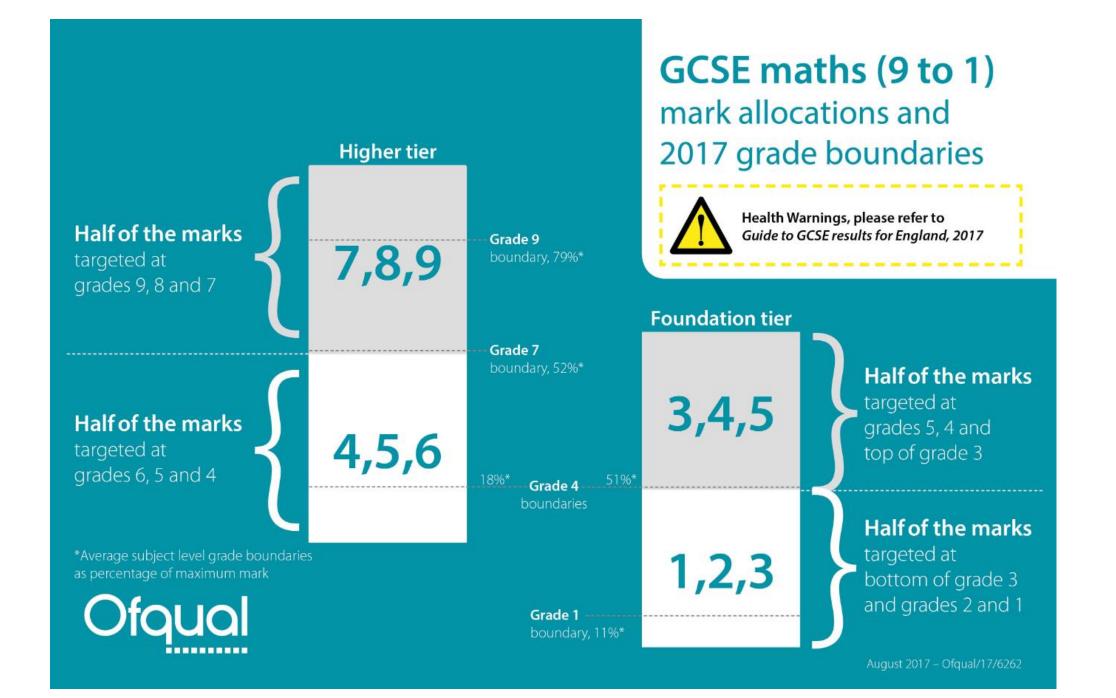
2023 support

On 1 December, the Department for Education and Ofqual published the outcomes of the consultation on carrying forward the provision of formula sheets for GCSE maths for the summer 2023 examinations.



Edexcel GCSE (9-1) Mathematics: Higher Tier Exam Aid (PDF | 291.8 KB)





Summary of table of accessment

Summary of table of assess	ment		
Paper 1	*Paper code: 1MA1/1F or 1MA1/1H	Paper 3	*Paper code: 1MA1/3F or 1MA1/3H
 Externally assessed Availability: May/June and Nov First assessment: May/June 20 Overview of content 1. Number 	total GCSE	 Externally assessed Availability: May/June First assessment: May/ 	and November** 33.33% of the total GCSE
 Algebra Ratio, proportion and rates of 	change	Overview of content	
 Geometry and measures Probability 		 Number Algebra 	
 6. Statistics Overview of assessment Written examination papers w No calculator is allowed 		 Algebra Ratio, proportion and r Geometry and measure 	-
80 marks available	oundation and Higher tier papers)	 5. Probability 6. Statistics 	
 Paper 2 Externally assessed Availability: May/June and No First assessment: May/June 20 	total GCSE		apers with a range of question types
Overview of content		Calculator allowed	

- 1. Number
- 2. Algebra
- 3. Ratio, proportion and rates of change
- 4. Geometry and measures
- 5. Probability
- 6. Statistics

Overview of assessment

- Written examination papers with a range of question types
- Calculator allowed
- 1 hour and 30 minutes (both Foundation and Higher tier papers)
- 80 marks available

- 1 hour and 30 minutes (both Foundation and Higher tier papers) ٠
- 80 marks available •

Multiplying Fractions - Video 142 Dividing Fractions - Video 134 Reciprocal - Video 145 Fractions - Videos 135 to 146 Decimals - Video 90, 91, 92, 93, 94 Use of a Calculator - Video 352 Estimation - Video 215 Best Buys - Video 210 Currency - Video 214a Conversion Graphs - Video 151, 152 LCM/HCF - Videos 218, 219 Product of Primes - Videos 223, 224 Indices (and laws) - Videos 172, 174 Indices (fractional/negative) - Videos 173, 175 🕷 Standard Form - Videos 300, 301, 302, 303 Percentages of Amounts - Videos 234, 235, 238 Percentage change - Video 233 Simple Interest - Video 236a Compound Interest - Video 236 Reverse Percentages - Video 240 Recurring Decimals to Fractions - Video 96 🙀 Ratio - Videos 270, 271, 271a, 271b, 271c Direct Proportion - Video 254 Inverse Proportion - Video 255 Proportional Graphs - Video 255b Proportion (application) - Video 255c Limits of Accuracy - Videos 183, 184 🛣 Surds - Videos 305, 306, 307, 308 Product Rule for Counting - Video 383 Error Intervals - Video 377, 280 Negative Numbers - Videos 205-209 Collecting Like Terms - Video 9 Expanding Brackets - Videos 13, 14, 15 Factorising - Video 117 Factorising Quadratics - Videos 118, 119, 120, 266 Algebraic Fractions - Videos 21, 22, 23, 24 Sequences (nth term) - Videos 288, 289 nth term (quadratics) - Video 388 Substitution - Video 20 Equations - Videos 110, 113, 114, 115 Changing the Subject - Videos 7, 8 🙀 Inequalities - Videos 177, 178, 179 Inequalities (Regions) - Video 182 Quadratic Inequalities - Video 378 Linear Graphs - Videos 191, 186, 189, 194 Midpoint of a Line - Video 198 Distance between 2 points - Video 185 Real-life Linear Graphs - Video 171a 🙀 Parallel or Perpendicular Lines - Videos 196, 197 Simultaneous Equations - Video 295 Non-linear Simultaneous Equations - Video 298



Angles in Parallel Lines - Video 25, 39 Bearings - Video 26, 27 Angles in Polygons - Video 32 Constructions - Video 78, 72, 79, 80, 70 Loci - Videos 75, 76, 77 Views - Video 354 Area of a Triangle or Trapezium - Videos 49, 48 Circumference - Video 60 Area of a Circle - Video 40 Arc Length - Video 58 Area of a Sector - Video 48 Volume of a Cylinder - Video 357 Pythagoras - Video 257, 259 Trigonometry - Videos 329, 330, 331 3D Trig and Pythagoras - Videos 259, 332 🛱 Exact Trig Values - Video 341 Volume of a Prism - Videos 355, 356 Volume of Cone/Pyramid/Sphere - Videos 359-361 Volume of a Frustum - Video 360a Surface Area of a Prism - Videos 310-312 Surface Area of Cone/Sphere - Videos 314, 313 Metric Units (area/volume) - Videos 350, 351 Time - Video 322 Translations - Video 325 Reflections - Video 272 Rotations - Video 275 Enlargements - Videos 104, 106, 107, 108 Similar Shapes - Videos 292, 293a, 293b Circle Theorems - Videos 64, 65 Sine Rule - Video 333 Cosine Rule - Videos 335, 336 🙀 1/2abSinC - Video 337 Vectors - Video 353 Column Vectors - Video 353a 🙀 Travel Graphs - Video 171 Speed, Distance, Time - Video 299 🛱 Density - Video 384 Pressure - Video 385 Geometric Proof - Video 366 Congruent Triangles - Video 67 Invariant Points - Video 392



Frequency Trees - Video 376 Two-way Tables - Video 319 Pie Charts - Videos 163, 164 Scatter Graphs - Videos 165, 166 Histograms - Video 157, 158, 159 Frequency Polygons - Videos 155, 156 Stem-and-leaf - Videos 169, 170 Cumulative Frequency - Videos 153, 154 Box Plots - Video 149 Quartiles - Video 57a * Estimated Mean - Video 55, 54 Combined Mean - Video 53a, 53 Median (frequency table) - Videos 51, 52 Modal class (frequency table) - Video 56a Probability - Video 250, 249, 246 Relative frequency - Video 248 Samples, Populations - Videos 281a, 281b Tree Diagrams - Video 252 Conditional Probability - Video 247 Capture Recapture - Video 391 Venn Diagrams - Video 380 Graphical Simultaneous Equations - Video 297 Equation of a Circle - Video 12 Equation of a tangent - Video 372 🙀 Instantaneous rates of change - Video 390a Average rates of change - Video 390b Area under a curve - Video 389 Composite Functions - Video 370 Inverse Functions - Video 369 🙀 Quadratic Graphs - Video 264 Solving Quadratics Graphically - Videos 367c, 367d Sketching Quadratics - Video 265 Trigonometric Graphs - Videos 338, 339 Cubic Graphs - Video 344 Reciprocal Graphs - Video 346 Exponential Graphs - Video 345 Geometric Sequences - Video 375 Algebraic Proof - Video 365 Quadratic Formula - Video 267 Completing the Square - Video 10, 371 Transformations of Graphs - Video 323, 324 Iteration - Video 373, 373a, 373b

Number	
BIDMAS (brackets)	
Interpret calculator displays	
Error intervals	
Compare fractions, decimals and percentages	
Fractions and ratio problems	
Recurring decimal to fraction (prove)	
Reverse fraction of an amount	
Powers and roots	
Multiples, factors, LCM and HCF	
Adding, subtracting, multiplying and diving fractions (problem)	
Writing in standard form and calculating with standard form (calculator)	
Upper and lower bounds (including calculations)	
Simplify and manipulate surds	

Geometry and Measures	
Geometrical problems, alternate / corresponding angles and	
angles in polygons	
Perimeter and area of a triangle, parallelogram, and trapezium	
Area of a triangle using Area = ½absin C	
Perimeter of composite shapes	
Circumference and area of a circle, arc length and perimeter and area of a sector	
Calculations using exact Pi	-
Properties of 3D Shapes and plans and elevations	
Surface area and volume of prisms, pyramids, cones (not volume) and spheres	
Draw and identify transformations and combinations of	-
transformations	
Pythagoras' Theorem (problem or in 3D, with trigonometry)	
Trigonometric ratios (SOH CAH TOA), including in 3D	
Standard constructions using a compass (including triangles)	
Loci	
Bearings	
Congruency and congruent triangles	
Scale factors and similarity	
Circle Theorems	
Sine Rule	
Cosine Rule (find angle)	
Vectors	

Algebra	
Forming expressions, formulae and equations (then solving)	
Substitution (v = u + at; s = ut + $\frac{1}{2}at^{2}$; v2 = u2 + 2as)	
Gradient, mid-point and distance between two coordinates	
Simplify algebraic indices	
Expand single and double brackets	
nth term of a linear sequence	
Linear equations (including variable on both sides)	
Drawing graphs of linear functions	
Finding the equation of a line	
The equation of a tangent (to circle)	
Linear simultaneous equations (and graphically)	
Factorise single bracket	
Factorising quadratic expressions including where a > 1	
Quadratic equations (including when needs re-arrangement)	
Recognise Fibonacci and quadratic sequences	
nth term of a quadratic sequence	
Geometric Sequences	
Drawing quadratic graphs	
Rearranging Formulae (including when subject appears twice / factorising)	
Represent linear inequalities on number line and graphically	
Solve linear inequalities and represent on number line and graphically	
Represent quadratic inequalities graphically	
Solving quadratic inequalities	
The Quadratic Formula	
Completing the square and turning points	
Draw and recognise reciprocal and cubic graphs	
The equation of a circle (and graphical solution with linear equation simultaneously)	
Graphs of exponential functions and growth and decay	
Graphical solution to equations (possibly quadratic)	
Composite and inverse functions	
General iterative processes	
Algebraic fractions	
Graphs of trigonometric functions	
Translations and reflections of a graph and their functions	

Ratio, Proportion and Rates of Change	
Ratio and proportion problems	
Comparing quantities as a ratio and division of a quantity as a ratio	
Converting metric units	
Solve proportion problems	
Best buy problems	
Scale drawings	
Express one quantity as the percentage of another	
Percentage change	
Simple and compound interest and financial maths	
Compare lengths, area, volume	
Speed, density, pressure	
Direct proportion	
Non-standard real life graphs	
Reciprocal real-life graphs	
Gradient of graphs	
Distance-time and velocity-time graphs	
Area under a graph	

Statistics	
Comparing data on statistical diagrams, including time series graphs	
Mean from a discrete and grouped frequency table	
Constructing and interpreting a boxplot	
Drawing a CF graph and interpreting	
Comparing distributions; median and IQR (cumulative frequency graph / box plots)	
Histograms	

Higher Paper 2

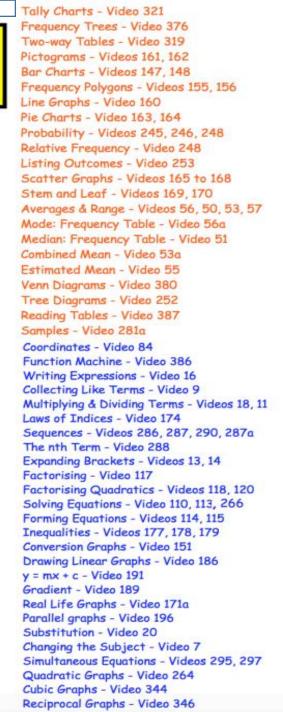
and 3

Angle Facts - Video 35, 30, 34, 39 Types of Angle - Video 38 Angles in Parallel Lines - Video 25 Angles in a Triangle - Video 37 Angles in a Quadrilateral - Video 33 Angles in Polygons - Video 32 Bearings - Videos 26, 27 Scales & Maps - Video 283 Perimeter - Video 241 Area of Rectangles/Triangles - Videos 45, 49 Area of a Trapezium - Video 48 Units - Videos 347, 349 Sensible Estimates - Video 285 Line Symmetry - Video 316 Rotational Symmetry - Video 317 Constructions - Videos 72, 78, 83 Loci - Videos 75, 76, 77 Faces, Edges, Vertices - Videos 5, 3 Nets - Video 4 Views and Elevations - Video 354 Time Calculations - Video 322 Timetables - Video 320 Distance Charts - Video 318 Speed, Distance, Time - Video 299 Travel Graphs - Video 171 Density - Video 384 Pressure - Video 385 Translations - Video 325, 326 Reflections - Videos 272, 273 Rotations - Video 275 Enlargements - Videos 104, 105, 107 Parts of the Circle - Video 61 Circumference - Video 60, 243 Area of a Circle - Video 59, 47 Arc Length - Video 58 Area of a Sector - Video 46 Volume of a Cylinder - Video 357 Pythagoras - Video 257 Trigonometry - Videos 329, 330, 331 Exact Trig Values - Video 341 Similar Shapes (sides) - Video 292 Congruent Triangles - Video 67 Volume of a Cuboid/Prism - Video 355, 356 Volume of a Sphere/Cone - Videos 359, 361 Surface Area - Video 310 Surface area of Sphere/Cone - Videos 313, 314 Vectors - Video 353a, 353



Multiplication - Video 199, 200 Division - Video 98 Addition - Video 6 Subtraction - Video 304 Rounding - Video 276, 277a, 277b, 278, 280 Estimation - Video 215 Order of Operations - Video 211 Ordering Decimals - Video 95 Arithmetic with Decimals - Videos 90, 91, 92, 93, 94 Multiples and Factors - Videos 220, 216 Prime Numbers - Video 225 Square Numbers and Square Roots - Videos 226, 228 Cube Numbers and Cube Roots - Videos 212, 214 Product of Primes - Video 223 LCM/HCF - Videos 218, 219, 224 Indices - Videos 172, 174 Negative Indices - Video 175 Standard Form - Video 300, 302, 303 Fractions of Amounts - Video 137 Adding Fractions - Video 133 Multiplying Fractions - Video 142 **Dividing Fractions - Video 134** Reciprocals - Video 145 Fractions, Decimals, Percentages - Videos 121 to 129 Expressing as Fraction or % - Videos 136, 237 Percentages of Amounts - Videos 234, 235, 238 Percentage Change - Video 233 Simple Interest - Video 236a Compound Interest - Video 236 Reverse Percentages - Video 240 Ratio - Videos 269, 270, 271 Currency - Video 214a Recipes - Video 256 Negative Numbers - Videos 205-209 Place Value - Video 222, 222a Error Intervals - Video 377 Money - Video 400 Best Buys - Video 210 Proportion - Videos 255a, 254

Use of a Calculator - Video 352







Online resources available to help you improve your maths skills

Sparx Maths Corbettmaths



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CENTURY

Speak with a member of the maths department for more information

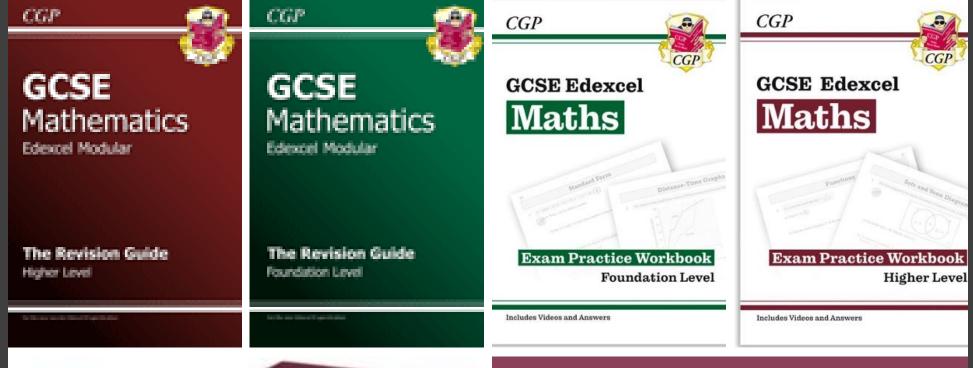
Revisit the Maths work you have done

Use a website

- Sparx Maths
- Century
- Mathswatch
- Teams Lessons

Useful for both reminders on how to do things and questions to answer

- Attend revision sessions
- After school clubs
- Lunch time clubs

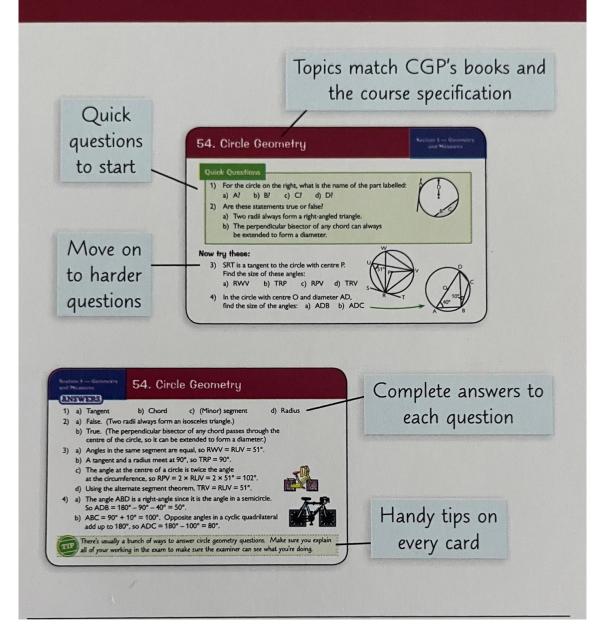




Revisit work you have done

- Use a Revision Guides for the Edexcel Pearsons Maths GCSE.
- Look up anything you don't know and then have a go at some questions

How To Use These Cards



of Number and BODMAS

Sec

Number

LS

stions

is a positive integer?

but all of the irrational numbers from this list: $\sqrt{2}$, $\frac{4}{5}$, π , 0.3, or false? A number multiplied by its reciprocal always equals 1.

se:

out the answers to the following calculations:

+ 2 × 3 b) $\sqrt{2 \times 8}$ + 9 c) $\frac{10 - 4 \div 4}{3^2}$

says, "All decimal numbers are either terminating or recurring." n whether or not you agree with Sayid.

at this calculation: $5 + 3 \times 8 - 2$

ting in one pair of brackets, make:

biggest possible number, b) the smallest possible numb



1. Types of Number and B

itive integer is any whole number greater than 0. Ind π

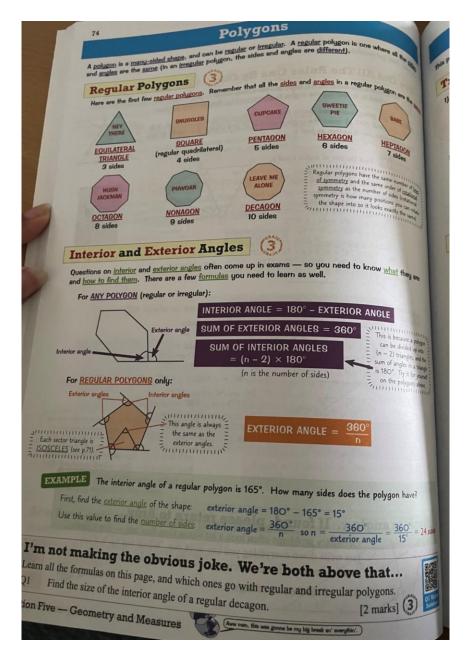
(Take a number *a*. Its reciprocal is $\frac{1}{a}$ and $a \times \frac{1}{a} = 1$.) $2 \times 3 = 5 + 6 = 11$ $3 \times 8 + 9 = \sqrt{16} + 9 = 4 + 9 = 13$ $\frac{-4 \div 4}{3^2} = \frac{10 - 1}{9} = \frac{9}{9} = 1$

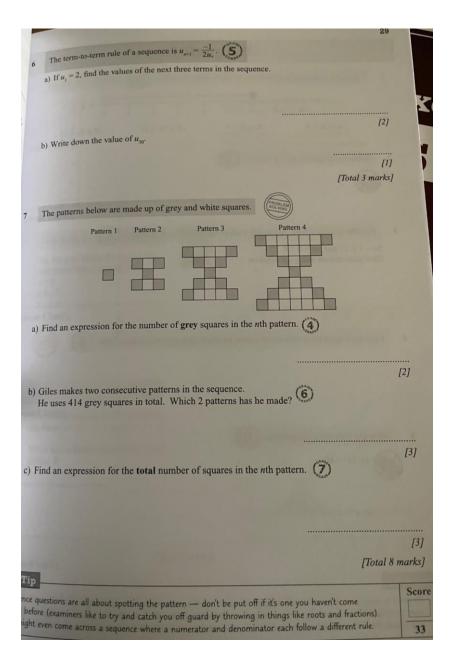
ational numbers like π are neither terminating nor recurring lecimal expansions go on forever and never repeat, so Sayic

$$(3) \times (8 - 2) = 8 \times (8 - 2) = 62$$

 $(3 \times (8 - 2)) = 5 + 3 \times 6 = 5 + 18 = 23$

DDMAS, addition and subtraction have the same priority, so j ht. I know that A comes before S, but BODMSA just isn't o



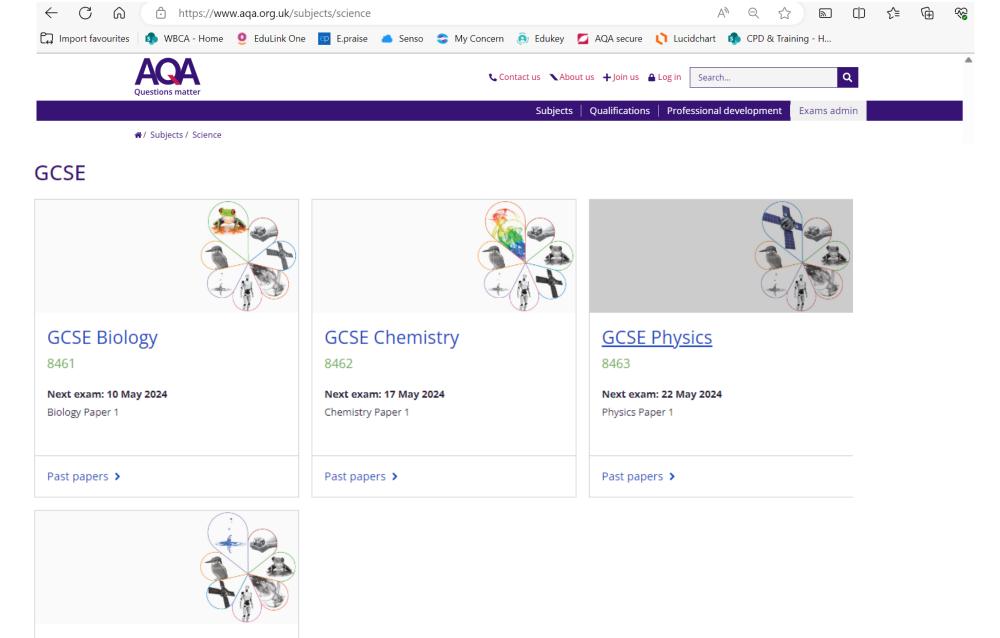


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GCSE Science

Head of department – Mr Latham Second in department – Mr Iqbal

Mrs Henderson Miss Lewis Mrs Gould Mrs Priestley Miss Andrews Mr Hussain



GCSE Combined Science: Trilogy

8464

Overview of the Science GCSE

Separate Sciences

3 GCSES

(Biology, Chemistry, Physics) 2 exams per GCSE (50% weighting each)

- 1 hour 45 min (100 marks) per paper
- 3.5 hours of exams per GCSE (10.5 hours in total)

Students will receive 3 separate grades from 9-1

Combined Science

2 GCSEs

(Biology, Chemistry, Physics) 6 exams in total (16.7% weighting each)

- 1 hour 15 min (70 marks) per paper
- 7.5 hours of exams in total

Students will receive 2 grades: 9-9, 9-8, 8-8....2-1, 1-1

GCSE Breakdown

	Unit 1 exams	Unit 2 exams
Biology	Biology Paper 1	Biology Paper 2
Chemistry	Chemistry Paper 1	Chemistry Paper 2
Physics	Physics Paper 1	Physics Paper 2

Breakdown of papers

Biology Paper 1

B1 - Cell Biology
B2 – Organisation
B3 – Infection &
Response
B4 - Bioenergetics

Chemistry Paper 1

- C1 Atomic Structure & the Periodic Table
- C2 Bonding, structure and Properties of Matter
- C3 Quantitative Chemistry
- C4 Chemical Changes
- C5 Energy Changes

Physics Paper 1

- P1 Energy
- P2 Electricity
- P3 Particle Model of Matter
- P4 Atomic Structure

Biology Paper 2

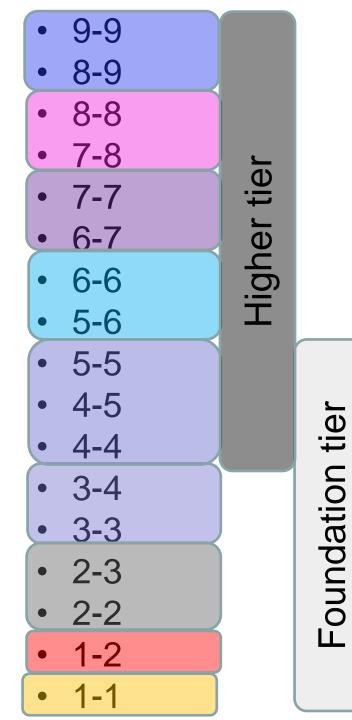
B5 – Homeostasis & Response
B6 – Inheritance, Variation &
Evolution
B7 – Ecology

Chemistry Paper 2

C6 – Rates & Extent of Chemical Change C7 – Organic Chemistry C8 – Chemical Analysis C9 – Chemistry of the Atmosphere C10 – Using Resources

Physics Paper 2

- P5 Forces
- P6 Waves
- P7 Magnetism & Electromagnetism
- P8 Space Physics



Breakdown of Tiers

What can you do?

- Revision guides All students have been given them
- Check website revision information and advice
- Past exam questions and mark schemes AQA
- Test students on mind maps / flash cards
- Support in completing Homework and Revision tasks
- Encourage attendance at revision sessions in the future



Take home messages

- Support your child with knowing:
 - What exams they are taking
 - When they are
 - Where to find what to revise
- Create time and space for revision at home
- Make a revision timetable with your child and stick to the plan
- Short, manageable chunks of revision, with breaks
- Sign up to Seneca and monitor your child's homework and revision
- Monitor the noticeboard on Edulink for revision plans
- Follow our revision schedule
- Get them what they need for exams
- Remind your child they are not expected to know everything YET, but they do need to work at it

Questions?

Please complete the short survey to give us some feedback.

Thank you for attending.

Year 11 Parents Information Evening 7th September 2023

