Year 11 GCSE Information Evening

"Life in all its fullness." John 10:10

A positive start to the year

- **Stable results**

Students with good attendance and attitude to learning are achieving at least their expected grade.

- **Consistency**

Additional experienced teachers employed.

- **Further Support**

New locations and processes introduced.

- **Behaviour Policy**

Progression made focusing on increased learning time in lessons.

- **Specialist Teachers**

Fully staffed.

- **School Site**

Care and consideration.

Year 11
English Language
Exam Board: AQA

Key Takeaways from Mock 1/Areas of development:

- Exam technique is vital:
  - Not missing out questions (timing)
  - Being aware of *how* to answer questions (scaffolds and strategies practised in lessons)
  - Reading questions carefully (don't miss out on marks by not answering the topic of the question)

Useful Revision resources and websites:

- Seneca Learning
- BBC Bitesize
- Knowledge Organiser & revision booklet
- Past papers (we give booklets of these to students)

Topics in the November Mock 2 exams:

Paper 2 – Writers' views and perspectives (50% of GCSE)

- 1 hour 45 minute exam
- 80 marks
- Section A: Reading – two literary non-fiction texts
- Section B: Writing – non-fiction, persuasive/argumentative

(They will do Paper One again in their February mocks)

Exam Dates:

- Paper One – Thursday 21st May
- Paper Two – Friday 5th June

Students have 3 English Language lessons a fortnight – at least one of those will be spent in independent writing (practise, practise, practise!).

Year 11

English Literature

Exam Board: AQA

Key Takeaways from Mock 1/Areas of development:

- Revision needed, especially for *An Inspector Calls* and *A Christmas Carol*
- Unseen Poetry: practise key strategies (look at the first line, last line, then the middle – tonal shifts & POETIC POEMS)

Useful Revision resources and websites:

- Seneca Learning
- BBC Bitesize
- Knowledge Organiser & revision booklet

Topics in the November Mock 2 exams:

Paper 1 – Shakespeare and the 19th Century Novel

- 1 hour 45 minute exam
- 64 marks
- 40% of GCSE
- Section A – Macbeth: answer a question about an extract and the play as a whole
- Section B – A Christmas Carol: answer a question about an extract and the novel as a whole

(Mock 3 in February will be Paper Two: poetry and *An Inspector Calls*

Exam Dates:

- Paper One – Monday 11th May
- Paper Two – Tuesday 19th May

Students have 5 English Literature lessons a fortnight

Maths

Exam board is Edexcel

100% examined (no coursework)

THREE written exams

Foundation Tier (Grade 1 – 5)

Higher Tier (Grade 3 – 9)

Paper 1	Non calculator (80 marks)	1 ½ hours (14th May)
Paper 2	Calculator (80 marks)	1 ½ hours (3rd June)
Paper 3	Calculator (80 marks)	1 ½ hours (10th June)

All papers can contain content from the whole curriculum

GCSE Mathematics: Edexcel

Estimated Grade Boundaries per Paper									
GRADE	9	8	7	6	5	4	3	2	1
HIGHER %	85	72	60	45	32	20	14		
HIGHER Marks /80	66	56	46	36	25	16	10		
FOUNDATION %					75	60	45	30	14
FOUNDATION Marks /80					60	47	35	23	11

Maths

Exam aids
(formula sheets)

Perimeter, area and volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

Area of a trapezium = $\frac{1}{2}(a+b)h$

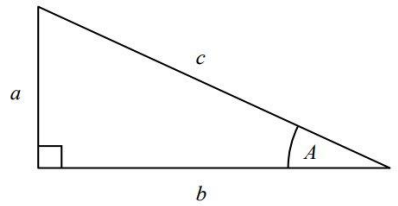
Volume of a prism = area of cross section × length

Where r is the radius and d is the diameter:

Circumference of a circle = $2\pi r = \pi d$

Area of a circle = πr^2

Pythagoras' Theorem and Trigonometry



In any right-angled triangle where a, b and c are the length of the sides and c is the hypotenuse:

$a^2 + b^2 = c^2$

In any right-angled triangle ABC where a, b and c are the length of the sides and c is the hypotenuse:

$\sin A = \frac{a}{c}$ $\cos A = \frac{b}{c}$ $\tan A \frac{a}{b}$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

Total accrued = $P\left(1+\frac{r}{100}\right)^n$

Probability

Where P (A) is the probability of outcome A and P (B) is the probability of outcome B:

P (A or B) = P (A) + P (B) – P (A and B)

END OF EXAM AID

Perimeter, area and volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

Area of a trapezium = $\frac{1}{2}(a+b)h$

Volume of a prism = area of cross section × length

Where r is the radius and d is the diameter:

Circumference of a circle = $2\pi r = \pi d$

Area of a circle = πr^2

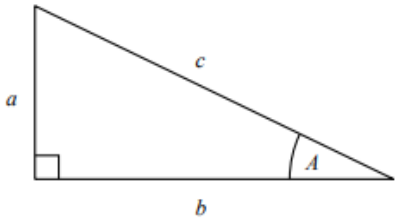
Quadratic formula

The solution of $ax^2 + bx + c = 0$

where $a \neq 0$

$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Pythagoras' Theorem and Trigonometry

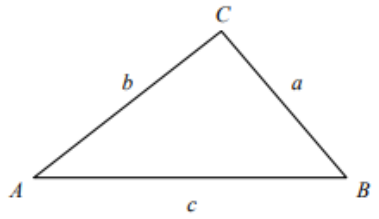


In any right-angled triangle where a, b and c are the length of the sides and c is the hypotenuse:

$a^2 + b^2 = c^2$

In any right-angled triangle ABC where a, b and c are the length of the sides and c is the hypotenuse:

$\sin A = \frac{a}{c}$ $\cos A = \frac{b}{c}$ $\tan A \frac{a}{b}$



In any triangle ABC where a, b and c are the length of the sides:

sine rule: $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$

cosine rule: $a^2 = b^2 + c^2 - 2bc\cos A$

Area of triangle = $\frac{1}{2}ab\sin C$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

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Probability

Where P (A) is the probability of outcome A and P (B) is the probability of outcome B:

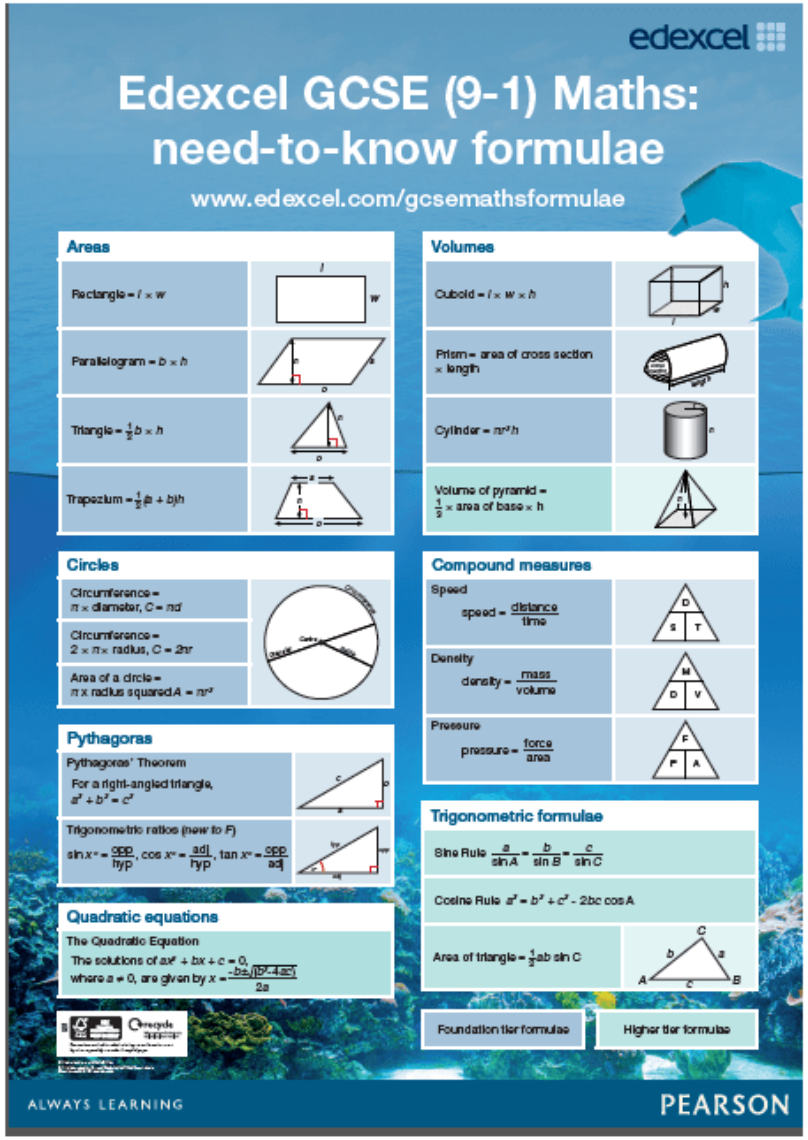
P (A or B) = P (A) + P (B) – P (A and B)

P (A and B) = P (A given B) P(B)

Maths

More formulas

you need to know



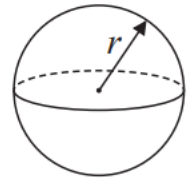
Maths

A small number will be in the paper for you.

19 Shape **S** is one quarter of a solid sphere, centre O.

Volume of sphere $= \frac{4}{3}\pi r^3$

Surface area of sphere $= 4\pi r^2$

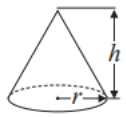


DO NOT WRITE IN THIS AREA

15 A cone has a volume of 98 cm^3.
The radius of the cone is 5.13 cm.

(a) Work out an estimate for the height of the cone.

Volume of cone $= \frac{1}{3}\pi r^2 h$



.....cm
(3)

John uses a calculator to work out the height of the cone to 2 decimal places.

(b) Will your estimate be more than John's answer or less than John's answer?
Give reasons for your answer.

DO NOT WRITE IN THIS AREA

25 A force of 70

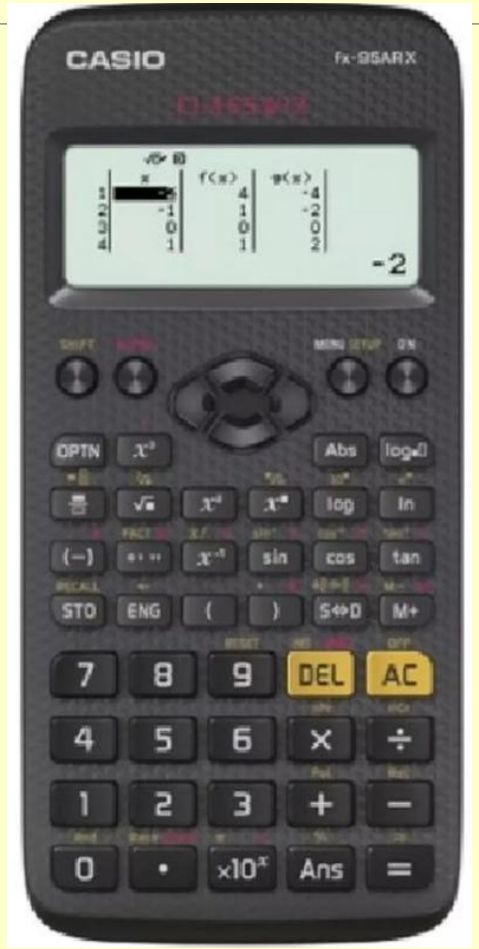
The force is ir
The area is in

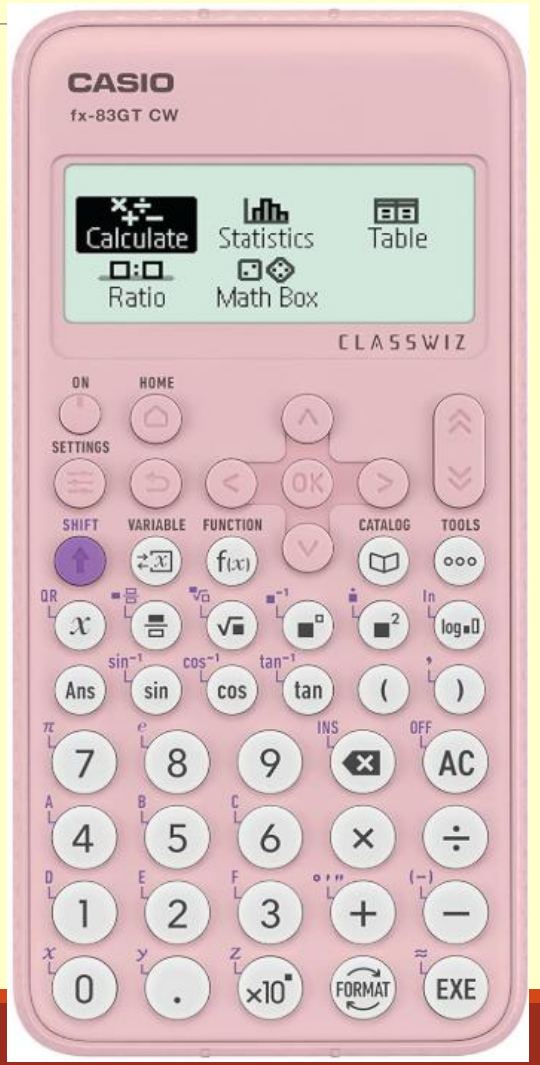
Helen says,

Is Helen corre
You must sho

DO NOT WRITE IN THIS AREA

Scientific Calculators

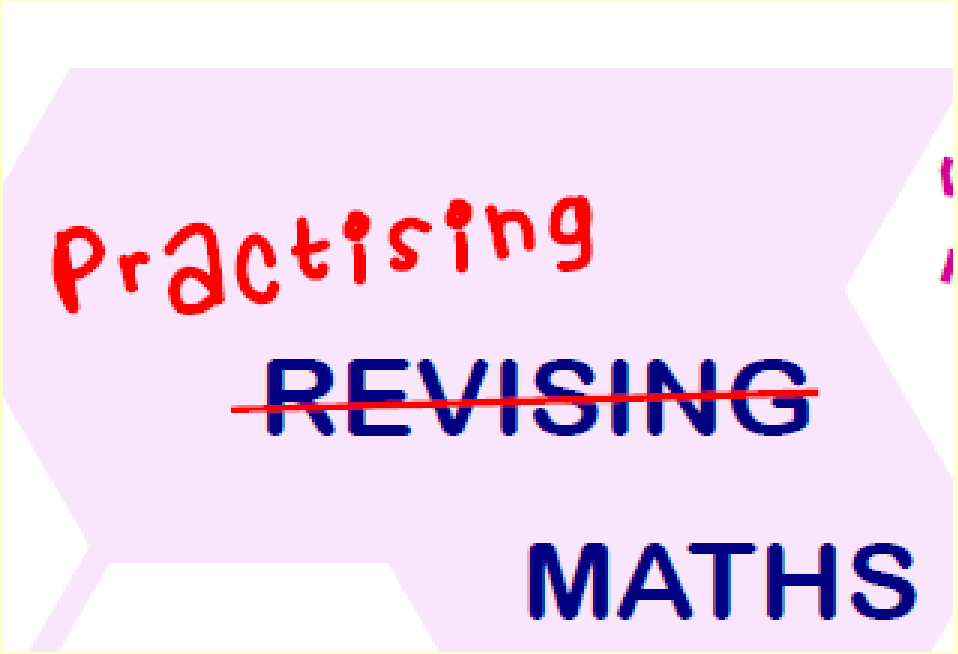




Casio

Maths

What does effective maths revision look like?



To revise maths you need to DO maths!

Maths

What does effective maths revision look like?

Short answer: doing questions of appropriate challenge,

checking the answers and fixing what you don't know.

- Doing your homework! – Including XP and Target
- Working on topics highlighted in your most recent **QLA**
- Learning key formulae and terminology
- Complete Past Papers and mark online
- Working on your corrections – video walk-throughs
- Attending Revision Sessions

Maths

Past paper practice:

In Class - 1 past paper a fortnight

- 1 formal assessment paper per term
- QLA feedback from formal assessments

Independent study - Pick up a paper from the past paper club

- Wed morning A06
- Download from the internet

Maths Online

Maths Genie
https://www.mathsgenie.co.uk › gcse.php

Videos, Exam Questions with Answers

Topics broken down by Grade

Past Paper banks with video walk-throughs

Sparx Maths Independent Learning

Personalised questions (HW XP Target)

help videos, automated marking

Codes from Termly assessment QLAs

Corbettmaths

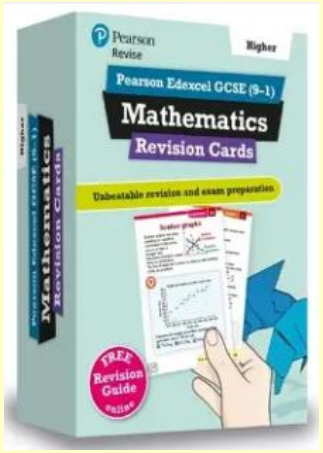
Corbett Maths – https://corbettmaths.com/

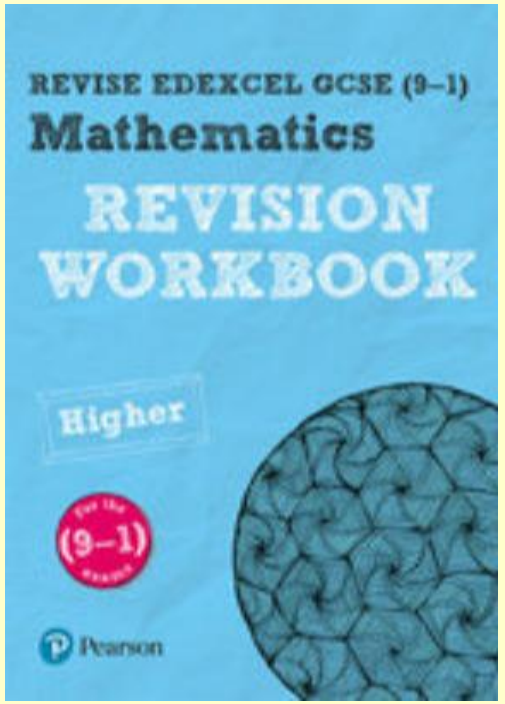
Videos, Exam-style questions with Answers

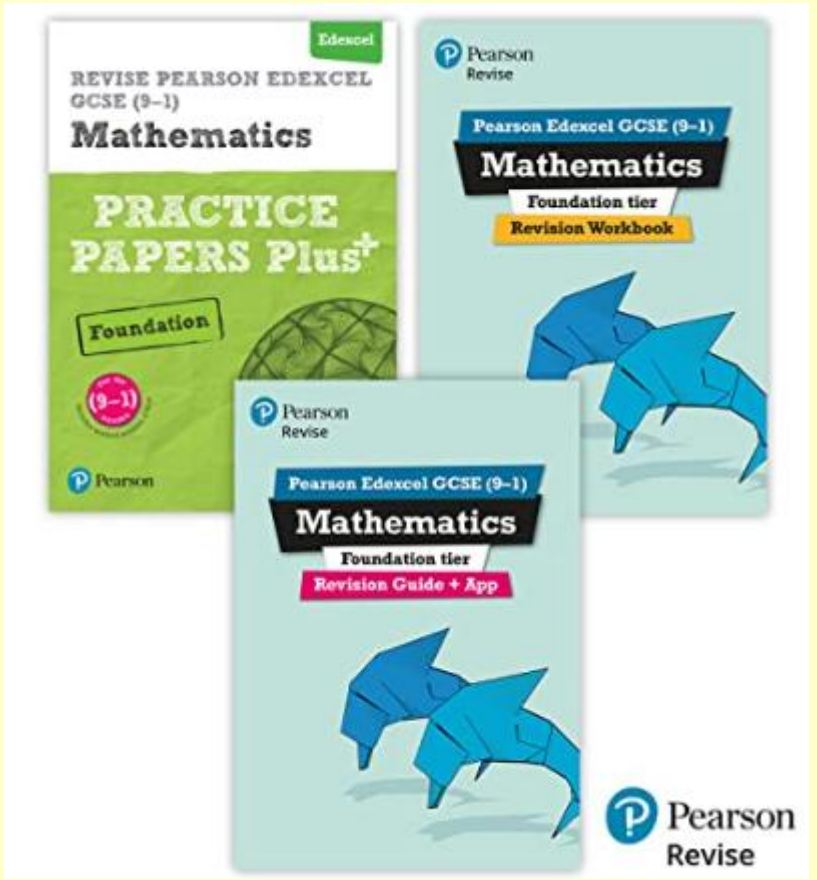
Textbook exercises broken down by topic

5 a day questions - recall

Maths Revision materials







Pearson Edexcel

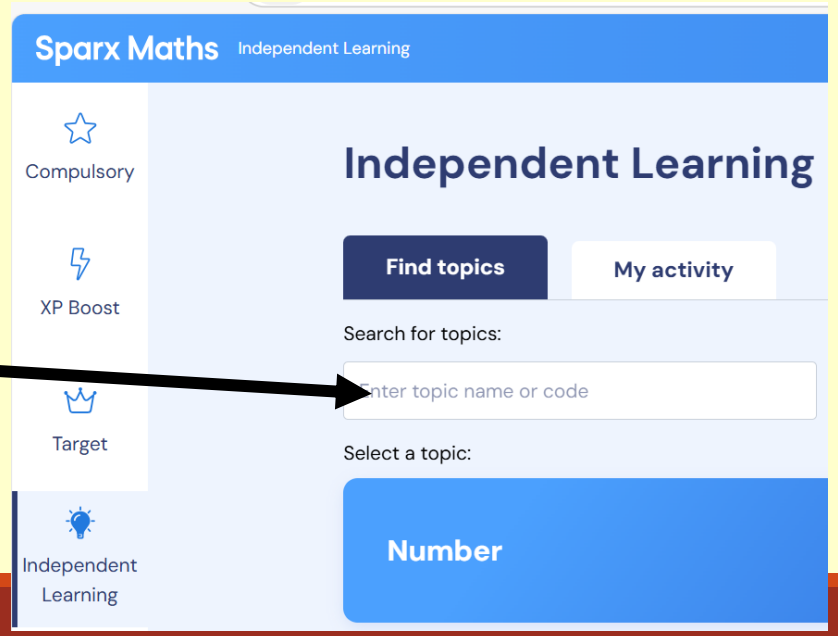
GCSE Maths Personalised Revision

Question Level Analysis (QLA) feedback creates you a **personalised** revision list

Sparx codes for you to type into Independent Learning

Revision needs to become part of your weekly routine, just like Homework

Q	Paper B1 – Question Level Analysis – Sets 4, 5, 6	
1	Naming parts of a circle	U767
2a	Convert between Fractions, Decimals and Percentages (F to D)	U888
2b	Convert between Fractions, Decimals and Percentages (P to F)	U888
2c	Convert between Fractions, Decimals and Percentages (P to F)	U888
2d	Find fractions of amounts without a calculator	U881
3	Simplifying Ratios	U687
4a	Find Area and Perimeter of simple shapes	U993
4b	Find Area and Perimeter of simple shapes	U993
5	Subtraction	U478
6a	Properties of 3D shapes: Faces	U719



Maths

Maths Support:

Online – Sparx Videos/Google it

Ask your teacher

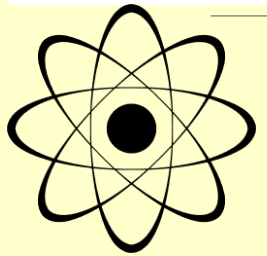
Lunchtime Sparx help – Every Thursday in A13

After school revision – Starts in January

GCSE Mathematics Revision
Foundation & Higher
Wednesday in B01 After school

Wed 10th Jan	Standard form Angles on parallel lines Volume and surface area
Wed 17th Jan	Rules of indices Angles in polygons
Wed 31st Jan	Time, distance & speed Rounding and bounds
Wed 7th Feb	Angle and line bisectors Pie charts
Wed 21st Feb	Sketching quadratic and cubic graphs Loci
Wed 6th March	Averages from tables Expanding quadratics Transformation
Wed 13th March	Scatter graphs Factorising quadratics
Wed 20th March	Pythagoras Probability trees
Wed 27th March	Rearranging formulae Trigonometry
Wed 17th April	Exchange rates Simultaneous equations
Wed 24th April	Area and perimeter of sectors Compound interest and reverse percentages

Year 11
Science



Our exam board is Edexcel.

In the summer all students will sit two papers for each science (biology, physics and chemistry).

Separate science students (11RS1) will have

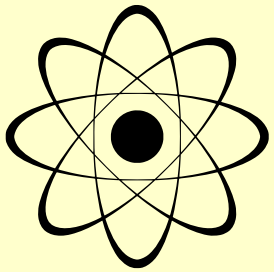
6 x 1 hr 45 minute exams.

Combined science students will have 6 x 1 hr 10 minute exams.

In the mocks both groups will sit a full paper one..

Year 11
Science

Higher or foundation?

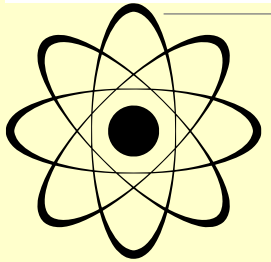


The foundation tier paper will target grades 1–5.

The higher tier paper will target grades 4–9.

Final decisions will be made after the November mocks but currently R1 and R2 are working towards higher and all other sets are foundation groups.

Year 11
Science



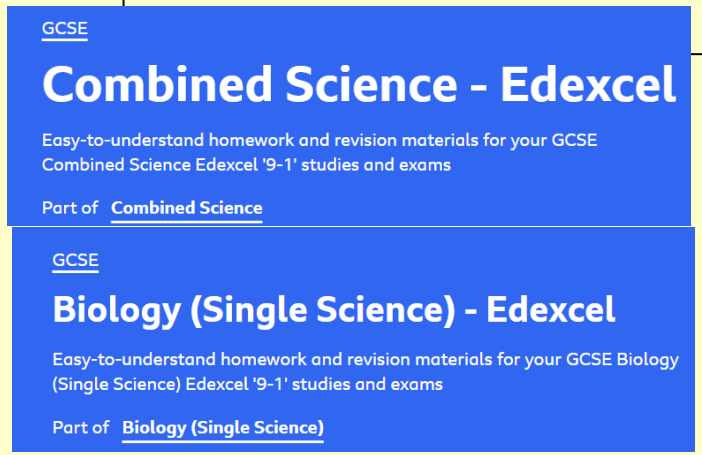
Topics

Each paper covers specific topics and “key concepts” that are common to each paper.

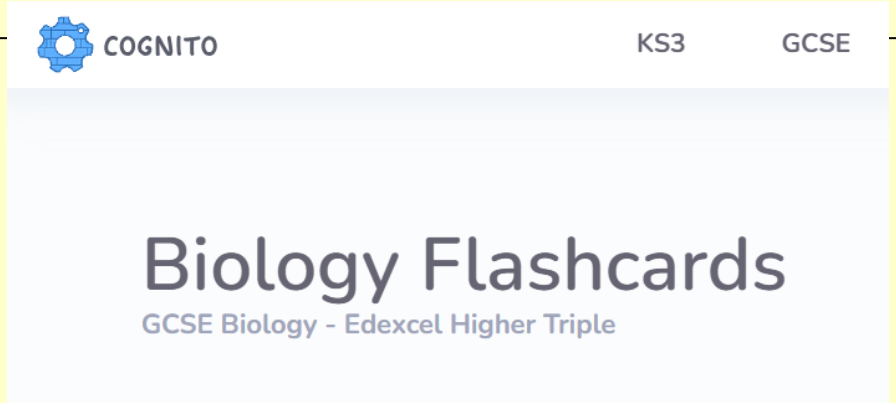
Detailed information about the topics for each paper will be shared with your child before the mocks and in plenty of time for the summer exams.

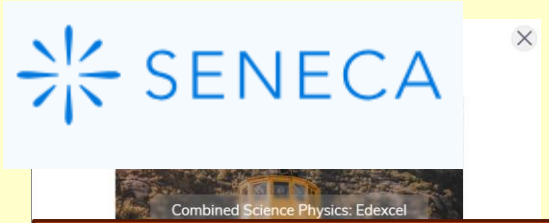
Year 11
Science

Revision resources

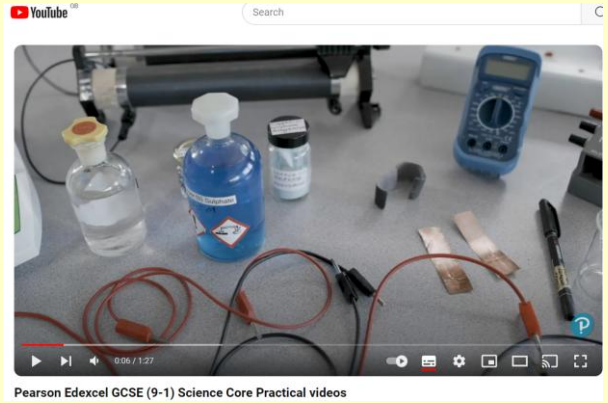


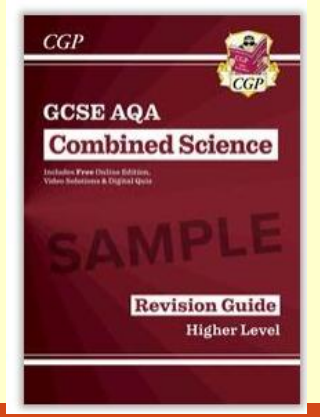
- Revision pages
- Quizzes
- Exam practice
- Podcasts





All homework will be revision tasks.





Quizlet

Year 11
Busy Year

- Revision Clubs
- Mock 2 Exams
- Mock Interviews with Rotary Club
- College Open Days
- College Applications
- Bath University Trip (TBC)
- Leavers Hoodies
- Prom
- Dress Your Best leavers Day
- Exams

Year 11
Homework/Revision

- Starting next week.
- Year 11 only will have access to A13 after school Monday for homework/coursework/revision.

- Embedded homework system in place using secure accessible platforms and a clearly presented homework grid.

- IT Manager moved to centralised location to enable students access when having technical difficulties.

- Vitally important students are supported and encouraged at home.

- Year 11 students should be challenging themselves with their homework and moving away from delivering the minimum required.

Year 11
Key Dates

- 11th September = GCSE Information Evening 6pm -7pm
- w/b 3rd of November Rotary Interviews for year 11
- w/b 10th November = Mock Speaking Exams
- w/b 17th November = Mock 2 Exams
- TBC = Bath University and Xmas Market School Trip
- 15th of January = Information Evening
- 2nd of February = Subject Evening (online)
- w/b 23rdth February = Mock 3 Exams
- 5th May – 15th June = GCSE Exams (PROVISIONAL DATES)
- Dress Your Best (TBC)
- 22nd June = Prom (more details to follow

Year 11
Exam Boards

Maths: Edexcel
English: AQA
Science: Edexcel
BWV: EDUQAS
Food Preparation and Nutrition: AQA
Geography: AQA
History: Edexcel
French & German: Edexcel
Business: OCR
GCSE PE: OCR
Child Development and Care: NCFE
3d Art and Design: AQA
Photography: AQA
Art: AQA
Film Studies: WJEC
Statistics: Edexcel

- Revision Guides available to purchase by the finance office.

Year 11

Tutors are available for questions & support

Tutor locations:

11CMC – A06

11 JAC – A07

11KJG – A04 (drama room)

11 CLV – A02

11 CSN – A03

11 JMM – A09

SEND Team – Upstairs Hub