



# Year 10 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.

- **Specialist Teachers**

Fully staffed.

- **Consistency**

Additional experienced teachers employed.

- **Further Support**

New locations and processes introduced.

- **Behaviour Policy**

Progression made focusing on increased learning time in lessons.

- **School Site**

Care and consideration.



# *Year 10 Options*



- Deadline to request changes 25<sup>th</sup> September 2025
- Availability in specific subjects will influence requests.



# *Year 10 Homework*



- Starting next week.
- Embedded homework system in place using secure accessible platforms and a clearly presented homework grid.
- Homework club – Tuesday and Thursday. 3-4pm
- IT Manager moved to centralised location to enable students access when having technical difficulties.
- Vitally important students are supported and encouraged at home.
- Year 10 students should be challenging themselves with their homework and moving away from delivering the minimum required.



# Year 10

## GCSE Mock Exams



- Week Commencing 16<sup>th</sup> June 2026
- Revision guides available to buy now from reception

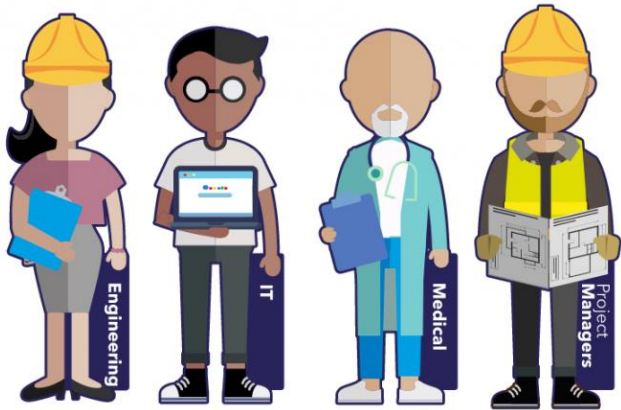


# Year 10 Work Experience



- 13<sup>th</sup> July 2026 for one week

- Students responsible for finding and securing employer



- Students to have access to database of placement. Letters to be written ASAP. Parents/carers to support at home

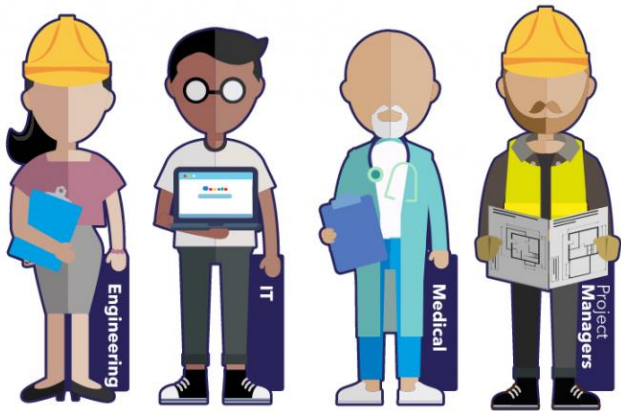


# Year 10 Work Experience



- All placements to be secured by February half-term at the latest.

- If a placement is not in the database, please see Miss Kinglake for a New Placement Form



- All companies must have public liability insurance.
- More information to follow soon.



# Year 10 Careers



- Tonight – Yeovil College in the foyer
- January – 1-1 meetings with Beth Church
- Spring term – colleges holding open evenings for year 10.
- 1st July – Year 10 trip to Yeovil College

**English**

## Subject: English Language

### Exam Board: AQA

### Useful Revision resources and websites:

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

### Exam Papers:

#### **Paper 1** – Explorations in Creative Reading and Writing (50% of GCSE)

- 1 hour 45 minute exam.
- 80 marks
- Section A: Reading – one literature fiction text.
- Section B: Writing – descriptive or narrative writing.

#### **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 in their exams at the end of the year)**



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



**Subject: English Literature**

**Exam Board: AQA**

**Useful Revision resources and websites:**

- Seneca Learning
- BBC Bitesize
- Knowledge Organiser

**Exams:**

**Paper 1** – Shakespeare and the 19<sup>th</sup> 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

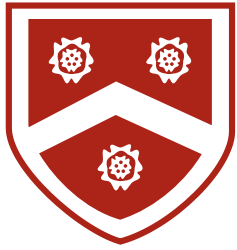
Students have 5  
English Literature  
lessons a fortnight.

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**Paper 2** – Modern Texts and Poetry

- 2 hour 15 minute exam
- 96 marks
- 60% of GCSE
- Section A – *An Inspector Calls*: a choice of two questions
- Section B – *Power and Conflict* poetry anthology: poetry comparison question
- Section C – Unseen poetry question

# Maths



# 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
Paper 2	Calculator (80 marks)	1 ½ hours
Paper 3	Calculator (80 marks)	1 ½ hours

All papers can contain content from the whole curriculum

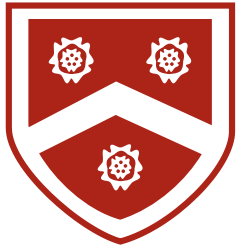


# GCSE Mathematics: Edexcel



## 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:

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

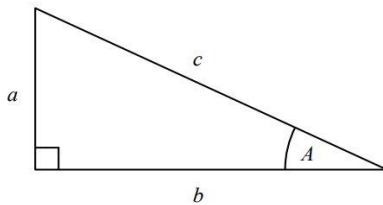
Volume of a prism = area of cross section  $\times$  length

Where  $r$  is the radius and  $d$  is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

### 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:

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

### 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:

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

### Probability

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

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

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:

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

Volume of a prism = area of cross section  $\times$  length

Where  $r$  is the radius and  $d$  is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

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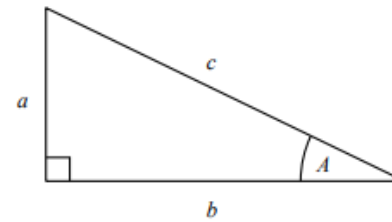
### Quadratic formula

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

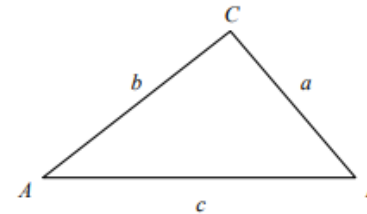


In any right-angled triangle where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

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

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



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

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

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

$$\text{Area of triangle} = \frac{1}{2} a b \sin C$$

### 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:

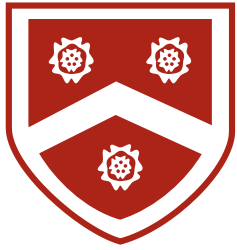
$$\text{Total accrued} = P \left( 1 + \frac{r}{100} \right)^n$$

### Probability

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

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B) P(B)$$



# Maths

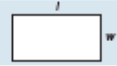
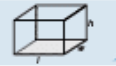
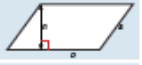








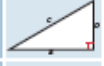


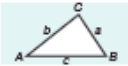

More formulas  
you need to know



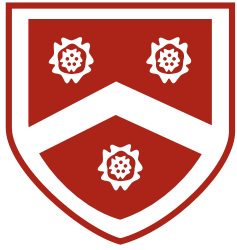
edexcel

## Edexcel GCSE (9-1) Maths: need-to-know formulae

[www.edexcel.com/gcsemathsformulae](http://www.edexcel.com/gcsemathsformulae)

Areas	Volumes
Rectangle = $l \times w$ 	Cuboid = $l \times w \times h$ 
Parallelogram = $b \times h$ 	Prism = area of cross section $\times$ length 
Triangle = $\frac{1}{2} b \times h$ 	Cylinder = $\pi r^2 h$ 
Trapezium = $\frac{1}{2} (a + b) h$ 	Volume of pyramid = $\frac{1}{3} \times$ area of base $\times h$ 
Circles	Compound measures
Circumference = $\pi \times$ diameter, $C = \pi d$ Circumference = $2 \times \pi \times$ radius, $C = 2\pi r$ Area of a circle = $\pi \times$ radius squared $A = \pi r^2$ 	Speed $\text{speed} = \frac{\text{distance}}{\text{time}}$ 
Pythagoras	Density $\text{density} = \frac{\text{mass}}{\text{volume}}$ 
Pythagoras' Theorem For a right-angled triangle, $a^2 + b^2 = c^2$ Trigonometric ratios (new to P) $\sin x^\circ = \frac{\text{opp}}{\text{hyp}}$ , $\cos x^\circ = \frac{\text{adj}}{\text{hyp}}$ , $\tan x^\circ = \frac{\text{opp}}{\text{adj}}$ 	Pressure $\text{pressure} = \frac{\text{force}}{\text{area}}$ 
Quadratic equations	Trigonometric formulae
The Quadratic Equation The solutions of $ax^2 + bx + c = 0$ , where $a \neq 0$ , are given by $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ 	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 = $\frac{1}{2} ab \sin C$ 
	Foundation tier formulae      Higher tier formulae

ALWAYS LEARNING      PEARSON



# Maths



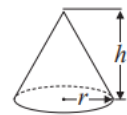
A small number will be in the paper for you.

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

15 A cone has a volume of  $98 \text{ cm}^3$ .  
The radius of the cone is  $5.13 \text{ cm}$ .

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

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



.....cm

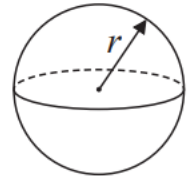
(3)

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.

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

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

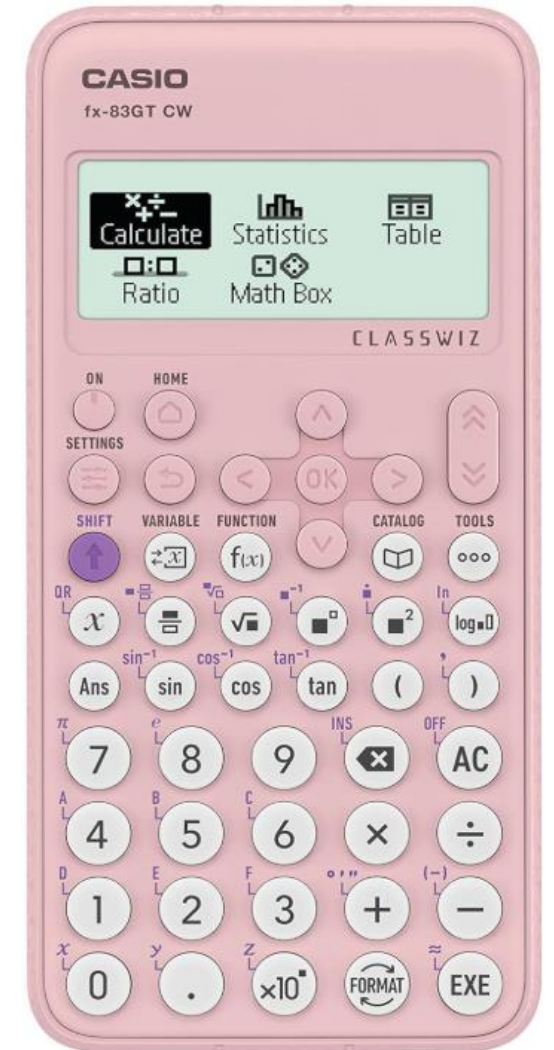
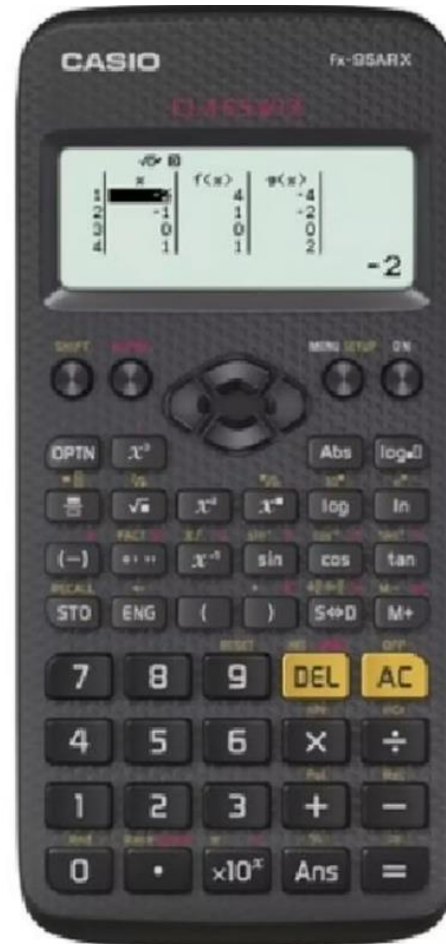


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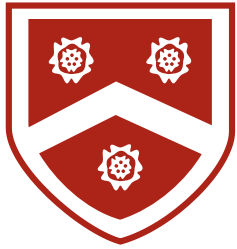
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25 A force of 70  
The force is in  
The area is in  
Helen says,  
  
Is Helen corre  
You must sho

# Scientific Calculators



Casio



# Maths



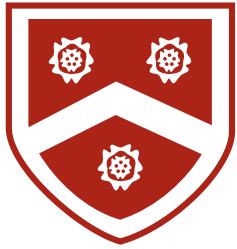
What does effective maths revision look like?

Practising

~~REVISING~~

MATHS

To revise maths you need to DO maths!



# Maths



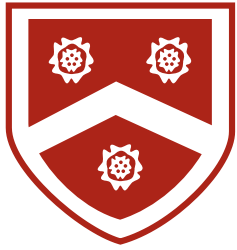
## What does effective maths revision look like?

Short answer: doing questions of appropriate challenge, checking the answers and fixing what you don't know.

- Completing homework using the videos when you need help
- Doing extra XP or Target HW
- Learning key formulae and terminology
- Thurs lunchtime Sparx help in A13



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



# 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

Independent Learning to find any topic



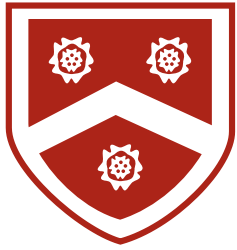
# Corbettmaths

**Corbett Maths** – <https://corbettmaths.com/>

Videos, Exam-style questions with Answers

Textbook exercises broken down by topic

5 a day questions - recall



# Maths



## Maths Support:

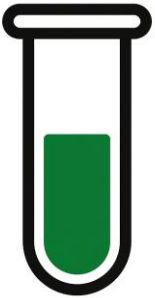
**Online** – Sparx Videos/Google it

**Ask** your teacher

**Lunchtime Sparx help** – Every Thursday in A13



**Science**

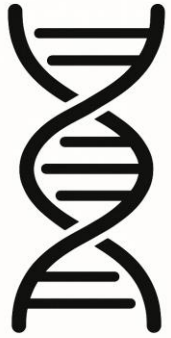


# Science in year 10

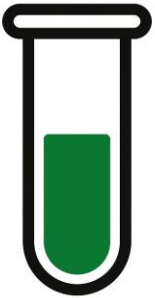
Our exam board is **Edexcel**.

In year 11 all students will sit two papers for each science (biology, physics and chemistry).

In the end of year 10 exams all students will sit a full paper one and will be given specific information about the areas that will be covered.



# Separate or combined? Higher or foundation?



The foundation tier paper will target grades 1–5.

The higher tier paper will target grades 4–9.

Separate science results in three GCSEs with a separate grade for biology, chemistry and physics.

Combined science will give students two GCSEs with the grades being an average of all three science.

Final decisions about entries will be made in year 11 but currently:

R1 are separate R2 are higher combined, all other groups are foundation combined.



# Revision resources – check board, course and tier.

GCSE

## Combined Science - Edexcel

Easy-to-understand homework and revision materials for your GCSE Combined Science Edexcel '9-1' studies and exams

Part of [Combined Science](#)

GCSE

## Biology (Single Science) - Edexcel

Easy-to-understand homework and revision materials for your GCSE Biology (Single Science) Edexcel '9-1' studies and exams

Part of [Biology \(Single Science\)](#)

Revision pages  
Quizzes  
Exam practice  
Podcasts

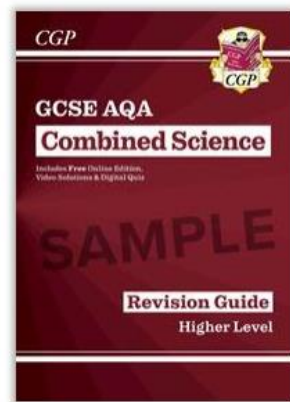


Homework and revision



Add more courses

Start learning



CGP revision guides – available from the school shop.



# ***Year 10***

*Tutors available at these locations for support and questions if required*



**A02 – Mr Hopwood**

**A06 – Mrs Goddard**

**A03 – Mrs Hodge**

**A07 – Miss Whitcombe**

**A04 – Mrs Manning**

**A09 – Mr Isack**

***SEND department & Careers – Pastoral Hub***