

Year 10 GCSE Success

Llwyddiant TGAU Blwyddyn 10



YSGOL
AFON WEN

2025/26

Our three phases

ACTIVATE
Nursery to Year 3

ADVANCE
Year 4 to Year 8

ACHIEVE
Year 9 to Year 11

Within each team there is strong wellbeing support

ACHIEVE



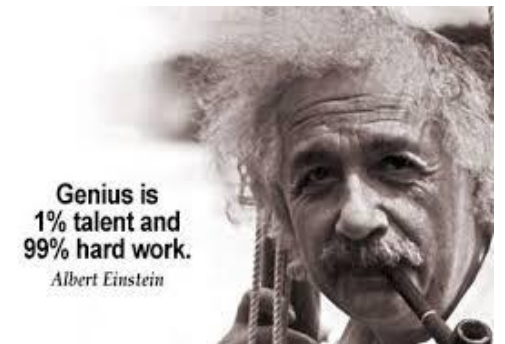


PURPOSE OF EVENING

- To outline the expectations of the pupils and discuss the benefit of support from home
- To explain how we will work together to ensure the success of every pupil
- To ensure every pupil reaches their full potential
- To be equipped to progress in the world after leaving school.
- Good balance between physical and mental wellbeing

AGENDA

1. Our vision for success
2. Focusing on the Fundamentals – key messages
3. Outline of course & revision material
4. Wellbeing and Academic Support



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Vision



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vision, values
& ethos

At Ysgol Afon Wen, we are committed to nurturing the potential within every pupil. Our **Triple AAA Promise** will inspire and ignite the learning spark by activating learning, advancing curiosity, and achieving success. Through this promise, we are dedicated to creating an environment where every pupil can flourish.

We aim to engage minds with innovative and dynamic educational experiences. Our curriculum is designed to challenge and inspire, encouraging exploration and fostering a lifelong passion for knowledge. At Ysgol Afon Wen, learning is an adventure, and we strive to make every moment a step towards greater understanding and personal growth.

By empowering individuals to reach their full potential, we ensure that our community shines brightly, now and in the future. We believe that every pupil has unique strengths and abilities, and our goal is to help them discover and develop these talents.

Our supportive and inclusive environment ensures that every member of our community feels valued and motivated to succeed.

To achieve our **Triple AAA Promise**, we ensure five core values are at the heart of our work:



Activate, Inspire, Achieve



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Attendance to school is imperative as there is a high correlation between excellent attendance and attainment. Students who miss school frequently can fall behind with their work and do less well in exams. Good attendance also shows potential employers that a young person is reliable.

Attendance



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100%	0 lessons missed	81%	180 lessons missed
99%	10 lessons missed	80%	190 lessons missed
98%	20 lessons missed	79%	200 lessons missed
97%	30 lessons missed	78%	210 lessons missed
96%	40 lessons missed	77%	220 lessons missed
95%	50 lessons missed	76%	230 lessons missed
94%	60 lessons missed	75%	235 lessons missed
93%	70 lessons missed	74%	245 lessons missed
92%	80 lessons missed	73%	255 lessons missed
91%	85 lessons missed	72%	265 lessons missed
90%	95 lessons missed	71%	275 lessons missed
89%	105 lessons missed	70%	285 lessons missed
88%	115 lessons missed	69%	295 lessons missed
87%	125 lessons missed	68%	305 lessons missed
86%	130 lessons missed	67%	315 lessons missed
85%	140 lessons missed	66%	325 lessons missed
84%	150 lessons missed	65%	330 lessons missed
83%	160 lessons missed	64%	340 lessons missed
82%	170 lessons missed	63%	350 lessons missed



- A crucial year - GCSEs are the gateway to success.
- Your child should expect to be working hard - a significant step up from previous years.
- Clear focus on academic studies and achievement.

How we will support pupils to reach their full potential

- High quality teaching and learning
- Setting high expectations for learning, behavior and attendance
- Timely and appropriate academic and wellbeing interventions
- Celebrating pupil achievements in all its forms.





Expectations

- Positive attitude
- Focus in lessons
- Make good progress
- Completion of coursework and controlled assessment by set deadlines
- Good attendance
- To ask for help when needed to allow us to support them
- Interventions to support development in key areas
- Track and monitor progress
- Aspirational yet realistic targets
- Encouragement and support
- Good link contact between home and school
- Balance between school work and social life

A quote by Sam Walton is displayed over a background image of a sunset over the ocean. The text is white on a dark rectangular background.

High expectations are
the key to everything.

Sam Walton

Full equipment is expected every day and essential throughout this examination period.

This includes;

pens,

pencil,

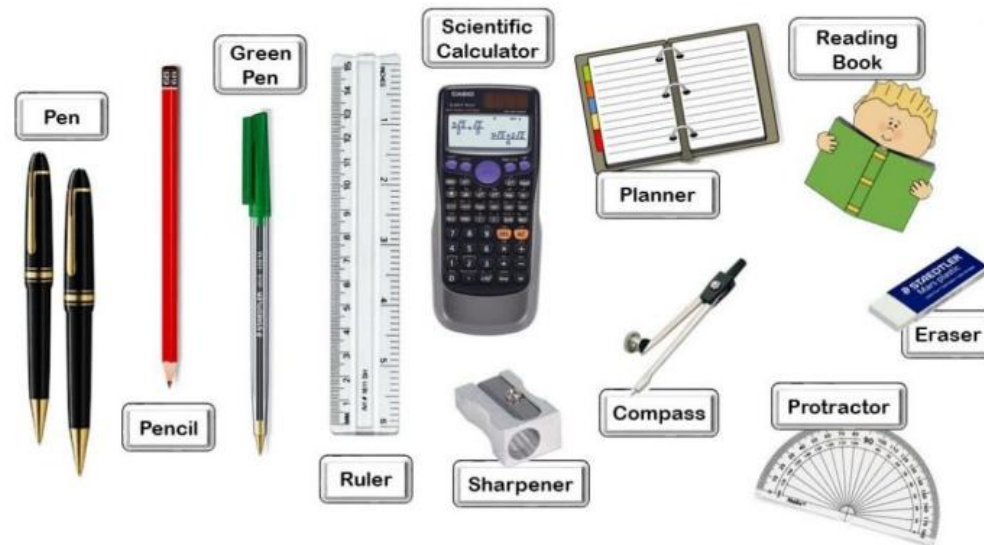
ruler,

rubber,

sharpener,

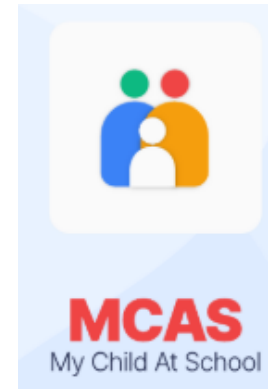
compass, protractor and calculator.

Equipment Check

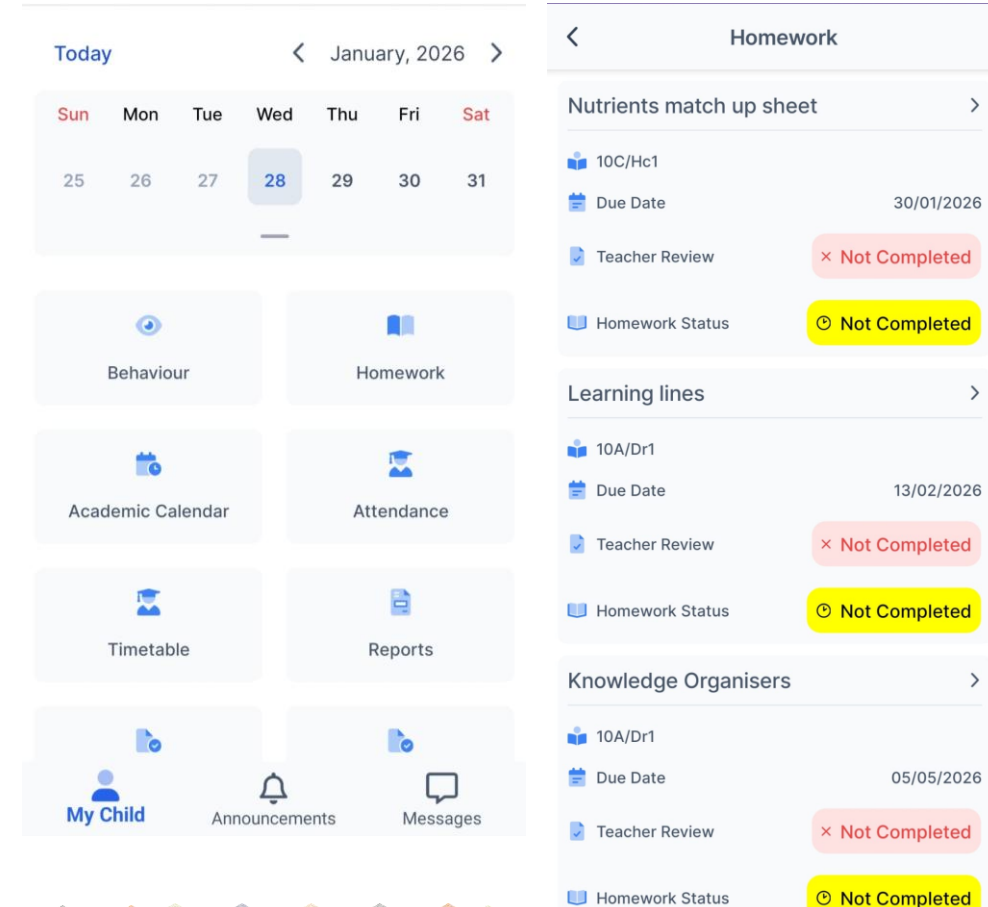


What you can do as a parent to support your child

- Space to work
- Revision ideas
- Monitoring
- Homework checks
- Attendance



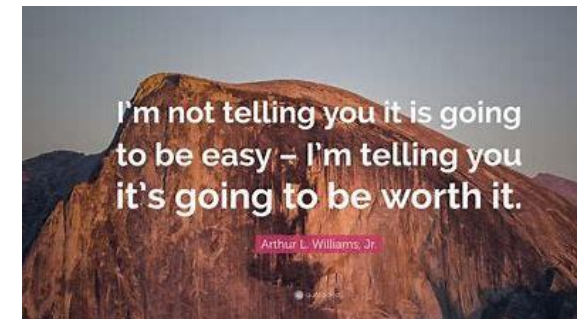
On the MCAS parental app, you can now see the homework set for your child and when it needs to be submitted.





Choosing the right revision technique

Use occasionally	Better	The best
Re-read notes	Break topic into chunks	Test yourself (Quizlet, Bitesize, etc)
Highlight notes	Create a study guide	Use flashcards with spaced repetition
Reading a study guide	Make flashcards	Re-do old tests (check answers)
Watch Youtube	Make a mind-map	Get someone else to quiz you
	Open book practice tests	Make a mind-map from memory
	Complete a revision pack	Do an essay plan and write out the essay in timed conditions
	Attend a revision session	Attend a revision session with specific questions
	Make an essay plan (without writing it)	Read your notes aloud, record yourself and listen to the recording



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Support



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Home → Our School → Curriculum At YAW

Curriculum at YAW

Please click on the phase of the school to see the curriculum overview.

GCSE Revision Materials
Find Out More

Activate

Advance

Home → Our School → Curriculum At YAW → GCSE Revision Materials → Mathematics Revision

Mathematics Revision

[WJEC Knowledge Organisers - Algebra](#)

[WJEC Knowledge Organisers - Geometry and Measure](#)

[WJEC Knowledge Organisers - Number](#)

[WJEC Knowledge Organisers - Statistics](#)

[WJEC Exam Walkthrough](#)

<https://www.bbc.co.uk/bitesize>

<https://corbettmaths.com>

<https://vle.mathswatch.co.uk>

SIMULTANEOUS EQUATIONS

Simultaneous equations are two equations that each contain two unknowns. When solving simultaneous equations we need to find the values of both these unknowns. We solve these equations using either algebraic or graphical methods.

Solving simultaneous equations using the elimination method This method eliminates one of the unknowns from the equation so that only one remains. This is done by adding or subtracting the equations.

When to add and when to subtract the equations?
SUBTRACT when the terms to be eliminated are of the **SAME** sign i.e. + and + or - and -
ADD when the terms to be eliminated are of **A DIFFERENT** sign i.e. + and -

Check that you:

- add, subtract, multiply and divide positive and negative numbers
- solve linear equations
- substitute values into an expression or equation
- draw straight line graphs knowing the equation of the line.

Same number of the unknown term
E.g. Solve the following simultaneous equations
 $5x + y = 13$ (1)
 $3x + y = 9$ (2)

- Label the equations (1) and (2)
- Identify the unknown to eliminate, where we have an equal number of the unknown in each equation.
- Subtract the equations (+y and +y have the same sign).
- Solve the equation to find x.
- Substitute the x value back into equation (1) to find the value of y.

Different number of the unknown term
E.g. Solve the following simultaneous equations
 $4x + 3y = 14$ (1) x 2
 $3x - 2y = 19$ (2) x 3

- Label the equations (1) and (2)
- Choose an unknown to eliminate. In this case, we'll choose y. To get the same number of y's we multiply (1) with 2 and (2) with 3 to give 6y and -6y.
- Label the 'new' equations (3) and (4)
- Add the equations (+6y and -6y have a different sign).
- Solve the equation to find x.
- Substitute the x value back into equation (1) to find the value of y.

Remember to check your answers by substituting both values back into one of the original equations.

Worded problems This is where the equations will need to be formed using the information given before solving them. E.g. Owain sells ice cream and ice lollies on his van. In one street he sells four ice creams and five ice lollies and takes £12. In another street he sells five ice creams and three lollies and takes £11.10. Form and solve simultaneous equations to find the price of an ice cream and the price of an ice lolly.

1) Assign a letter for each of the unknowns and use the information to form two equations.
x - the price of an ice cream y - the price of an ice lolly

$$\begin{array}{r} 4x + 5y = 12 \quad \dots (1) \times 3 \\ 5x + 3y = 11.10 \quad \dots (2) \times 5 \end{array}$$

- Label the equations (1) and (2)
- Choose an unknown to eliminate. In this case, we'll choose y. To get the same number of y's we multiply (1) with 3 and (2) with 5 to give 15y.
- Label the 'new' equations (3) and (4)
- Subtract the equations (+15y and +15y have the same sign).
- Solve the equation to find x.
- Substitute the x value back into equation (1) to find the value of y.

ice cream costs £1.50 ice lolly costs £1.20

Solving simultaneous equations using graphs
To do this we plot the two equations on the same graph. The coordinates of the point where the two lines meet are the x and y value that satisfy both equations.
E.g. Solve the following simultaneous equations
 $x + y = 6$
 $2x - y = 3$
using a graphical method.

- Plot the line $x + y = 6$ by drawing a table of values and substituting x values into $x + y = 6$ to find the y values.

x	0	1	2
y	6	5	4

ii) Plot $(0, 6)$, $(1, 5)$ and $(2, 4)$ and connect them with a straight line.
iii) Label the line $x + y = 6$.
- Plot the line $2x - y = 3$ by drawing a table of values and substituting x values into $2x - y = 3$ to find the y values.

x	0	1	2
y <td>3<td>5<td>7</td></td></td>	3 <td>5<td>7</td></td>	5 <td>7</td>	7

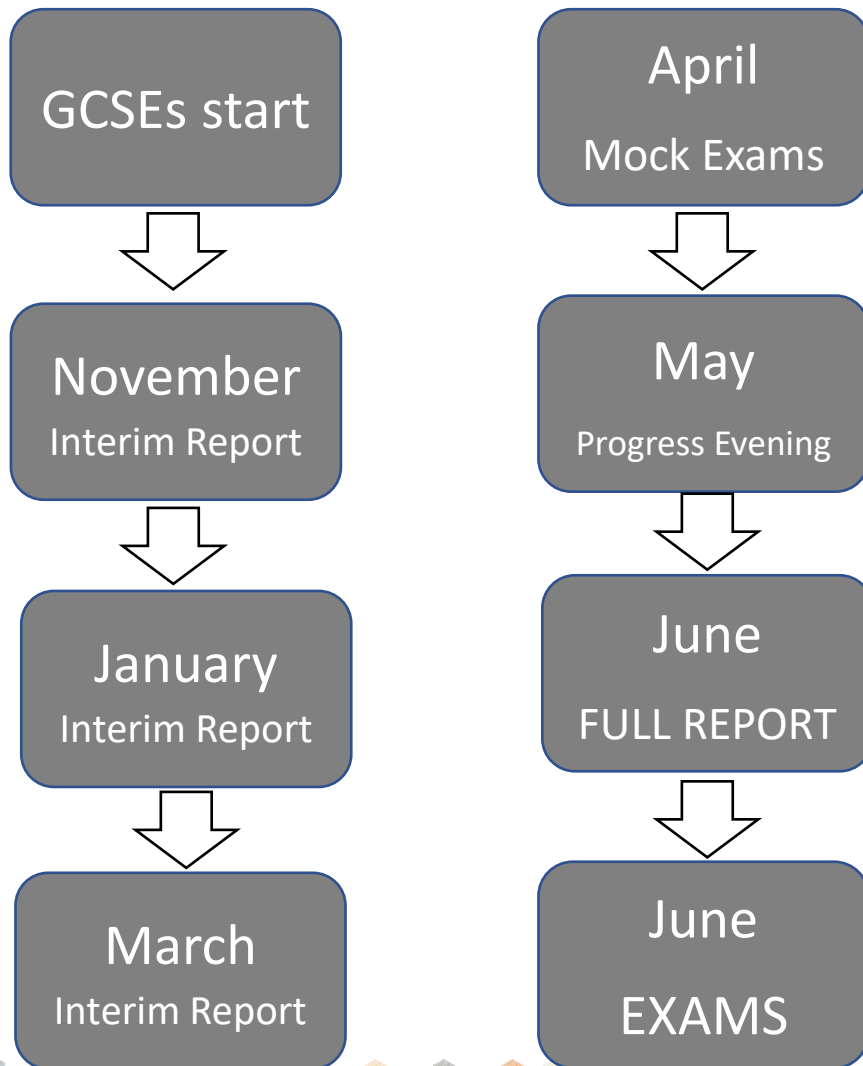
ii) Plot $(0, 3)$, $(1, 5)$ and $(2, 7)$ and connect them with a straight line.
iii) Label the line $2x - y = 3$.
- Find the point where both lines intersect
The lines $2x - y = 3$ and $x + y = 6$ intersect at the point $(1, 5)$. Therefore $x = 1$ and $y = 5$.

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Key Dates



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The Year 10 Progress evening is scheduled for

Thursday 7th May 2026.

Work Experience week

**Monday 29th June 2026 – Friday
3rd July 2026**

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Exam dates



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The examination entry dates for YEAR 10 in Ysgol Afon Wen are as follows:

GCSE Subject	Date of examination	Examination	Weighting
Mathematics & Numeracy	Tuesday 12th May	Unit 1 Financial Mathematics Higher Tier only	30% of qualification
English Language & Literature	Friday 15th May	Unit 1: Context and Meaning	30% of the Single Award
History	Tuesday 9th June	Unit 3 Crime and Punishment	30% of qualification
Geography	Tuesday 12th May	Unit 1 Our Physical and Human World	30% of qualification
Triple Science	Biology - Monday 8th June Chemistry - Friday 12th June Physics – Monday 15th June	Unit 1 Biology, Unit 1 Chemistry, Unit 1 Physics	45% of each qualification



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Support



Year 10 Work experience



Monday 29th June 2026 – Friday 3rd July 2026

Careers Wales Support
Careers Officer: Jenny Rosser
jenny.rosser@careerswales.gov.wales

Future pathways



Options for future pathways (Year 12)

- 1) Bryn Celynnog
- 2) Coleg y Cymoedd
- 3) Apprenticeships
- 4) Further training
- 5) World of work

