

# Archbishop McGrath

## Catholic High School



Archbishop McGrath Catholic High School  
Ysgol Uwchradd Gatholig Archesgob McGrath

**Croeso**  
**Year 10 Expectations Event**



# Archbishop McGrath Catholic High School

Ysgol Uwchradd Gatholig Archesgob McGrath



## Our Vision

***"Christ at the Centre"***

**Our core purpose is to ensure that all pupils reach or exceed their potential by using their God-given talents to develop as healthy, ambitious, capable life-long learners ready to live as valued members of our local community, Wales and the world.**

**We aim for all our pupils to leave our school as:**

**Employable, Virtuous and Empowered**

**Individuals.**

**We are #teamAMG**

# The purpose of this presentation

- 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
- A Catholic ethos at the heart of all that we do “Christ at the centre”

# 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

# Attend to Achieve. Everudau Counts

100%	0 lessons missed	81%	180 lessons missed	62%	360 lessons missed
99%	10 lessons missed	80%	190 lessons missed	61%	370 lessons missed
98%	20 lessons missed	79%	200 lessons missed	60%	380 lessons missed
97%	30 lessons missed	78%	210 lessons missed	50%	475 lessons missed
96%	40 lessons missed	77%	220 lessons missed	40%	570 lessons missed
95%	50 lessons missed	76%	230 lessons missed	30%	665 lessons missed
94%	60 lessons missed	75%	235 lessons missed	20%	760 lessons missed
93%	70 lessons missed	74%	245 lessons missed	10%	885 lessons missed
92%	80 lessons missed	73%	255 lessons missed	5%	900 lesson missed
91%	85 lessons missed	72%	265 lessons missed	0%	950 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		

# We Are Stronger Together

E



V



E

**Empowered**

**Virtuous**

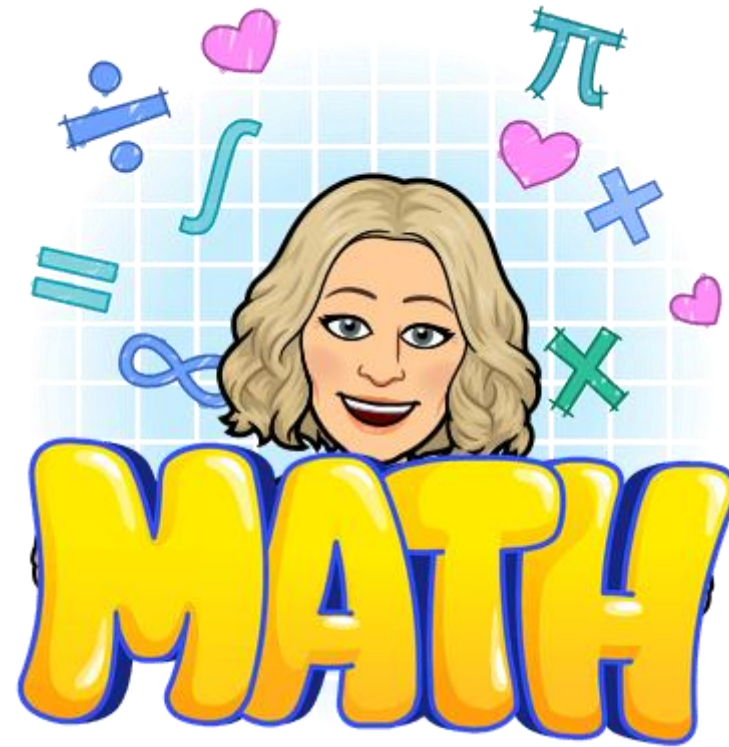
**Employable**

- Promoting positive behaviour is the responsibility of the whole school community.

*#TeamAMG*

# Mrs S Timbrell

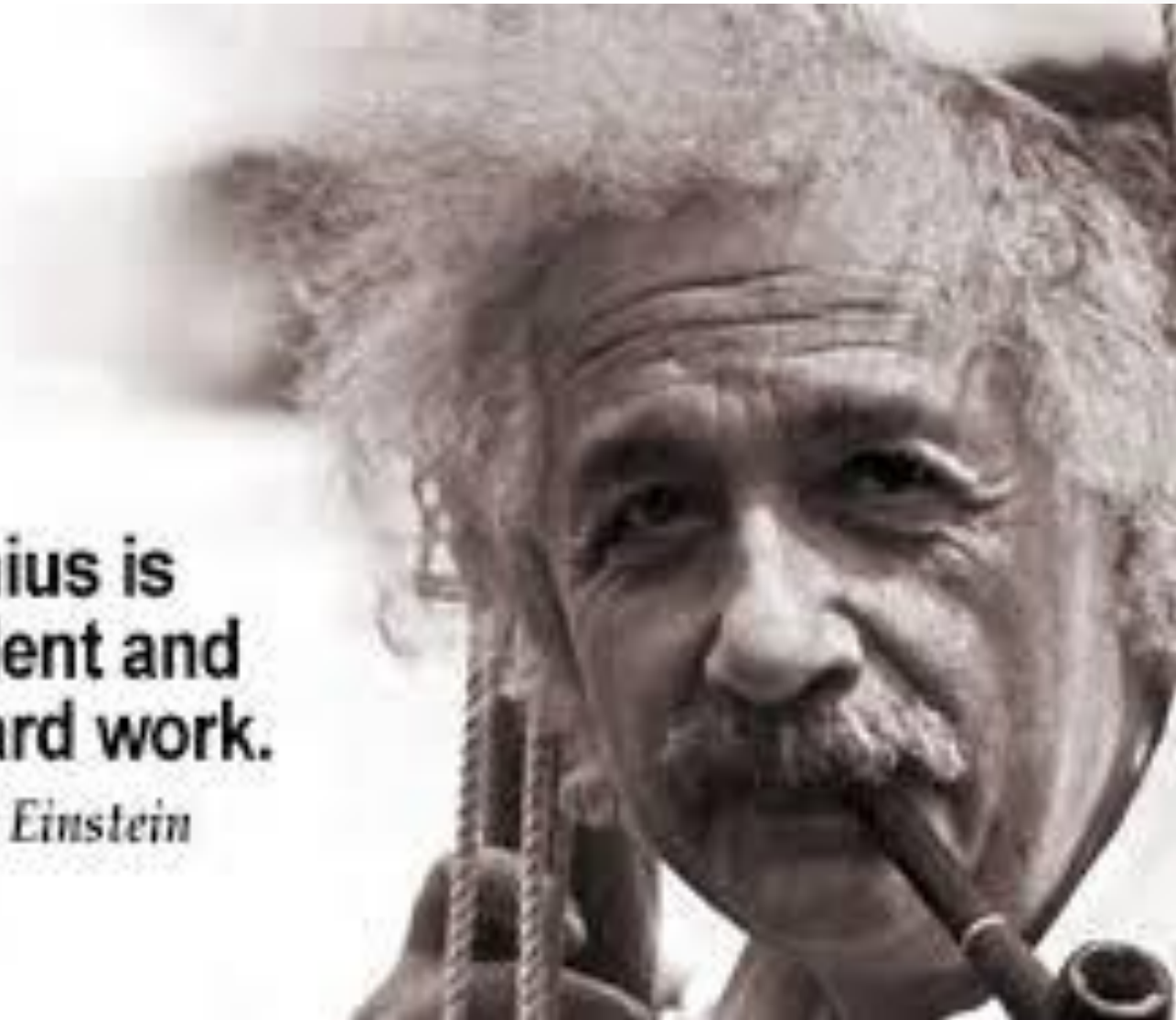
## Head of Mathematics





**Genius is  
1% talent and  
99% hard work.**

*Albert Einstein*





## GCSE MATHEMATICS—NUMERACY

- Unit 1: No Calculator
- Unit 2: Calculator allowed

## GCSE MATHEMATICS

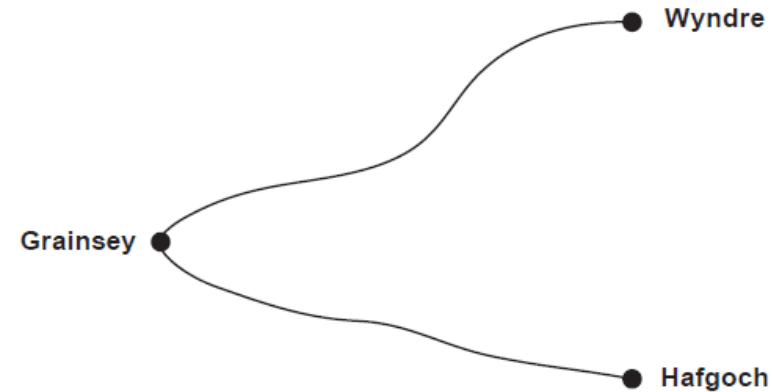
- Unit 1: No Calculator
- Unit 2: Calculator allowed



# The difference between Mathematics and Numeracy

(b) From Grainsey, the Number 6 bus runs to Wyndre and the Number 7 bus runs to Hafgoch.

**What is the  
Lowest  
common  
multiple (LCM)  
of 20 and 45?**



*Diagram not drawn to scale*

The timetable for these buses is given below:

Bus Number	To	Times
6	Wyndre	First bus leaves at 10:00, then every 20 minutes after this time.
7	Hafgoch	First bus leaves at 10:00, then every 45 minutes after this time.

After 10:00, when will the Number 6 bus and the Number 7 bus next leave G same time?



# Year 10 Classes

Year 10 Higher

Miss Dawson

Year 10 Higher

Miss Harris-Waters

Year 10 Intermediate

Mr McShane



Year 10 Intermediate ST

Mrs Timbrell



Year 10 Intermediate BD

Mr Davies



Year 10 Foundation/Intermediate

Mrs Earnshaw and Mr Williams

Year 10 Foundation Miss Mord



# Year 10

- All pupils will be preparing for Numeracy exams in November 2023.
- Miss Dawson Higher may do Maths and Numeracy in November 2023.
- Foundation class working on Entry Level in Year 10 and will complete their GCSEs in Summer 2024
- Year 10 PPE will be later in the summer of 2023 (Dates to be confirmed).



## Maths Only

### Algebra

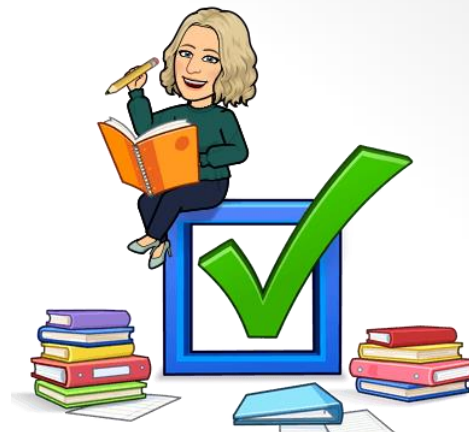
Transformation of graphs	
Speed distance time graphs	
Velocity time graphs, find gradients and area under the curve using the trapezium rule.	
Solving linear inequalities	
Changing the subject when the term appears twice.	
Expanding two brackets	
Factorising quadratic equations, including the difference of two squares	
Direct and inverse equations	
Simplifying Algebraic Fractions	
Solve linear inequalities	
Inequalities and Regions	
Simultaneous Equations	
Factorising Quadratics equations	
Drawing and solving quadratic equations graphically	
Solve a range of cubic equations by using trial and improvement	
Find the $n$ th term of a linear or quadratic sequence	
Generate a sequence linear and non-linear given the $n$ th term.	

### Geometry and Measure

Using a compass to do constructions.	
Construct triangles, quadrilaterals and circles.	
Construct angles of 60, 30, 90 and 45	
Identify congruent shapes	
Understand SSS, SAS, ASA, RHS to prove congruence in triangles.	
Understand symmetry in terms of reflection.	
Order of rotational symmetry.	
Understand angle properties of equilateral, isosceles and right angled triangles.	
Sum of interior and exterior angles.	
Trigonometric graphs and use them to solve equations.	
Circle Theorems, tangents and alternate segment theorem is A/A*	
Use co-ordinates to solve problems, <u>mid point</u> of a line.	
Transformations	
Reflection	
Rotation	
Enlargement including negative enlargement	
Translation	

### Statistics

Basic probability.	
Relative frequency, probability of experiments or real life situations.	
Compare an estimated probability from an experiment with a theoretical probability.	
Identify all outcomes of a combination of two events.	
Tree diagrams	
Venn diagrams	
Understand the addition and multiplication rule <u>add</u> is $\times$ and <u>or</u> is $+$ .	



## Numeracy and Maths

### Number

Standard form	
Rounding decimals, whole numbers, significant figures	
Fraction, decimals, ratio and percentages	
Prime Factor form, HCF and LCM using prime factor form	
Indices and roots. Including power 0, fractional and negative powers.	
Using a calculator	
Addition, subtraction, multiplying and dividing Fraction, decimals and percentages.	
Negative numbers	
Direct and inverse proportion	
Appreciation and Depreciation, Compound Interest	
Multiply and divide up to a 3 digit number by a 2 digit number	
Estimation – round to 1 significant figure first	
Recurring decimals to fraction	
Using Surds and distinguishing between a rational and irrational number	
Rationalising the denominator	
Problem solving real life situations e.g. money, bus timetables, wages, profit and loss	
Money Vat, Exchange rates, AER, Income Tax	
Finding the original amount after a percentage increase/decrease	
Upper and Lower bound, be able to use these in calculations.	
Understand and use Venn diagrams	

### Algebra

Speed distance time graphs	
Velocity time graphs, find gradients and area under the curve using the trapezium rule.	
Substitution into formula	
Expanding brackets	
Changing the subject of a formula when the subject appears once	
Solve linear equation in context of real life problems	
Recognise patterns of a sequence and the rule.	

### Geometry and Measure

Interpretation and drawing of nets.	
Using and drawing 2-D representations of 3-D shapes, including the use of Isometric paper.	
Be able to use a ruler, pair of compasses and protractor accurately.	
Bisect a line and an angle	
Construct a perpendicular from a point to a line	
Essential properties of special quadrilaterals, including square, rectangle, parallelogram, trapezium, kite and rhombus.	
2d and 3d shapes plans and elevation	
Angles properties	
Pythagoras Theorem for 2d and 3d	
Trigonometry 2d and 3d	



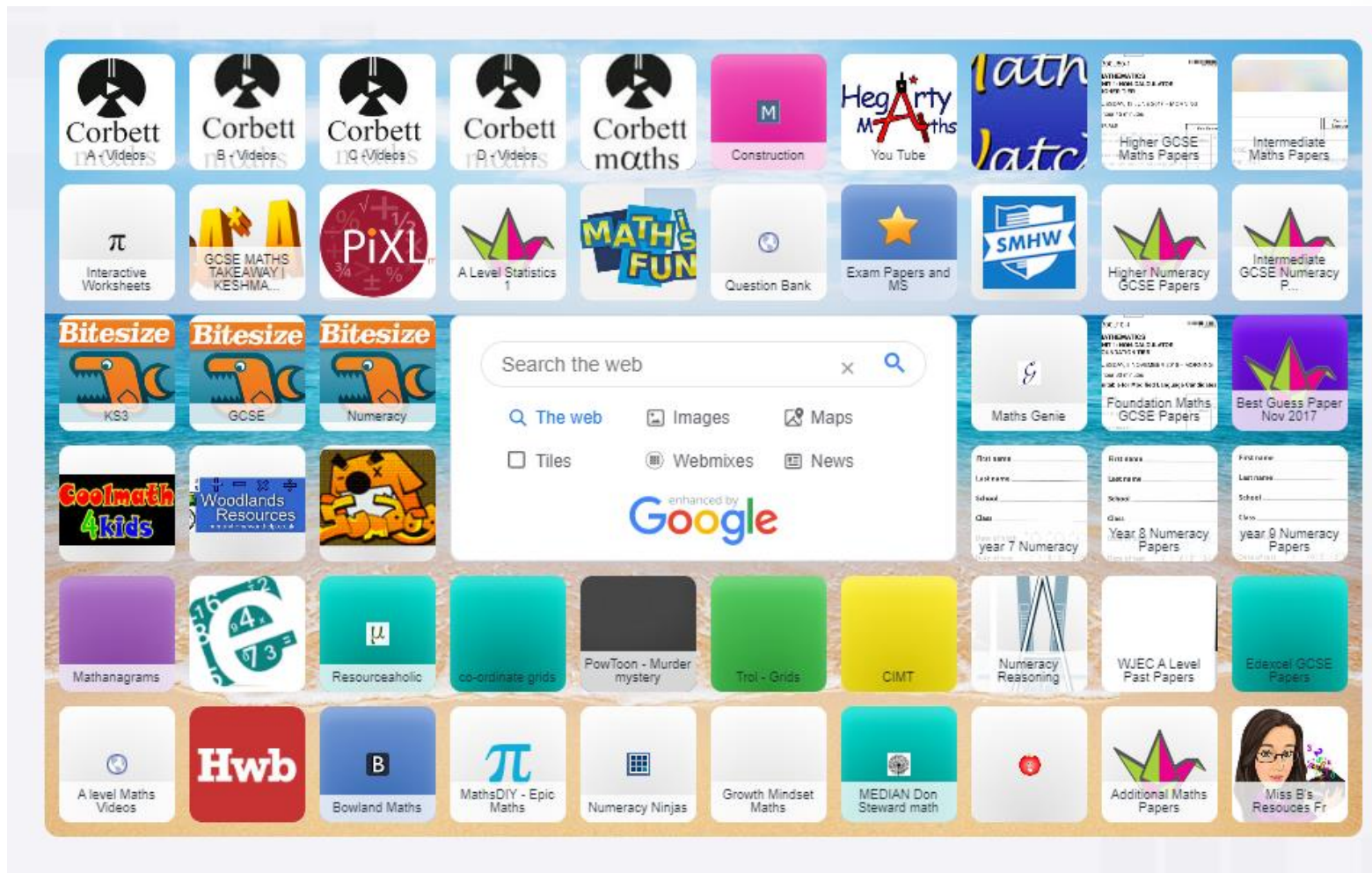
Sine and Cosine rule, area of a triangle = $\frac{1}{2} ab \sin C$	
Similarity for area and volume	
Use and interpret maps, scale drawings	
Use three figure bearings, be able to measure and draw	
Construct a loci, a distance from a point, equidistant from two points.	
Convert between metric measurements e.g. cm, metres, kg. Also for area, mass and volume.	
Understand units of time and 24 hour clock	
Conversion between metric and imperial	
Expected to know	
8km $\approx$ 5 miles	
1kg $\approx$ 2.2 lb	
1 litre $\approx$ 1.75 pints	
Recognise if a formula is an area, volume or length.	
Compound measures for speed, density and population density.	
Perimeter and area of shapes including circles and composite shapes.	
Area of sector, segments and length of arcs	
Surface area and volume of spheres, cones, pyramids and compound solids.	

### Statistics

Understand different sampling methods, random, stratified and systematic	
Design and criticise questionnaires.	
Grouping discrete and continuous data	
Using tallying methods	
Constructing and interpreting pictograms, bar charts and pie charts for qualitative data	
Constructing and interpreting vertical line diagrams for discrete data	
Constructing and interpreting grouped frequency diagrams and frequency polygons	
Constructing and interpreting scatter diagrams, draw a line of best fit and use.	
If the mean is given, calculated or plotted line of best fit must go through this point.	
Constructing and interpreting cumulative frequency tables and diagrams.	
Constructing and interpreting box and whisker diagrams.	
Calculating and estimating range, interquartile range applied to discrete, grouped and continuous data.	
Mean, mode and median of discrete data	
Median, modal class, and mean of grouped frequency.	
Use vocabulary of probability such as fair, evens, certain, likely etc....	



# Learning online



<https://www.symbolab.com/mix/math117>





# Half Termly Assessments

Higher GCSE Assessment 1

<http://corbettmaths.com/contents/>



G	Full marks
A	Some marks
R	Zero marks

Q	Topic	Corbett Maths	✓ Revised	Test	DIRT
1	Prime factor form HCF and LCM	223 And 224			
2	Standard form ÷ + and x	300,301, 302 and 393			
3	Using a calculator Using a calculator for fractions				
4	Percentage increase and decrease problems	238			
5	Standard form problems				
6	Compound Interest	236			
7	Upper and lower bounds	183 and 184			
8	A.E.R				
9	Inverse proportion	255			
10					
11					
12					
13					
14					



# Mathswatch

MathsWatch

## Higher Flexible 6-week Revision Schedule

	Number	Algebra	Shape	Data	Total time of clips	Grade	Completed?
Monday	44, 45, 46	65, 66	67		22 mins	D	
Tuesday	47, 48, 49		68, 69, 70	84, 85	23 mins	D	
Wednesday	50, 51, 52, 53, 54		71		21 mins	D	
Thursday	55, 56a				17 mins	D	
Friday	57, 58			86	17 mins	D	
Saturday							
Sunday							
Monday			72, 73	87	11 mins	D	
Tuesday	59, 60, 61, 62		74, 75		22 mins	D	
Wednesday			76, 77, 78, 79		22 mins	D	
Thursday	63, 64		80, 81		15 mins	D	
Friday			82, 83	88, 89, 90, 91	18 mins	D	
Saturday							
Sunday							
Monday	92, 93	102	118		23 mins	C	
Tuesday	94, 95, 96	103			22 mins	C	
Wednesday	97	104, 105a or 105b			21 mins	C	
Thursday	98, 99	106	119, 120, 121	132	27 mins	C	
Friday	100, 101	107a or 107b, 108	122		19 mins	C	
Saturday							
Sunday							
Monday		109, 110	123	133	22 mins	C	
Tuesday		111, 112, 113	124, 125		21 mins	C	
Wednesday		114, 115	126, 127	134	16 mins	C	
Thursday		116, 117	128		12 mins	C	
Friday			129, 130, 131		15 mins	C	
Saturday							
Sunday							
Monday	135, 136, 137, 138	140		151, 152, 153, 154	33 mins	B	
Tuesday	139	141, 142, 143	147a or 147b		32 mins	B	
Wednesday		144, 145, 146	148, 149, 150		40 mins	B	
Thursday	155, 156, 157, 158	161	171, 172		31 mins	A/A*	
Friday	159, 160	162	173		35 mins	A/A*	
Saturday							
Sunday							
Monday		163a, 163b		181, 182	31 mins	A/A*	
Tuesday		164, 165	174, 175, 176	183	26 mins	A/A*	
Wednesday		166	177, 178, 179		33 mins	A/A*	
Thursday		167, 168, 169			32 mins	A/A*	
Friday		170	180		27 mins	A/A*	



## Clips to Revise:

	Number	Algebra	Shape	Data	Total time of clips	Grade	Completed?
Monday	44, 45, 46	65, 66	67		22 mins	D	
Tuesday	47, 48, 49		68, 69, 70	84, 85	23 mins	D	
Wednesday	50, 51, 52, 53, 54		71		21 mins	D	
Thursday	55, 56a				17 mins	D	
Friday	57, 58			80	17 mins	D	
Saturday							
Sunday							
Monday			72, 73	87	11 mins	D	
Tuesday	59, 60, 61, 62		74, 75		22 mins	D	
Wednesday			76, 77, 78, 79		22 mins	D	
Thursday	63, 64		80, 81		15 mins	D	
Friday			82, 83	88, 89, 90, 91	18 mins	D	
Saturday							
Sunday							
Monday	92, 93	102	118		23 mins	C	
Tuesday	94, 95, 96	103			22 mins	C	
Wednesday	97	104, 105a or 105b			21 mins	C	
Thursday	98, 99	106	119, 120, 121	132	27 mins	C	
Friday	100, 101	107a or 107b, 108	122		19 mins	C	
Saturday							
Sunday							
Monday		109, 110	123	133	22 mins	C	
Tuesday		111, 112, 113	124, 125		21 mins	C	
Wednesday		114, 115	126, 127	134	18 mins	C	
Thursday		116, 117	128		12 mins	C	
Friday			129, 130, 131		15 mins	C	
Saturday							
Sunday							
Monday	135, 136, 137, 138	140		151, 152, 153, 154	33 mins	B	
Tuesday	139	141, 142, 143	147a or 147b		32 mins	B	
Wednesday		144, 145, 146	148, 149, 150		40 mins	R	



# Revision Cards

- Blank ones 100 from Home Bargains 50p
- Corbett Maths



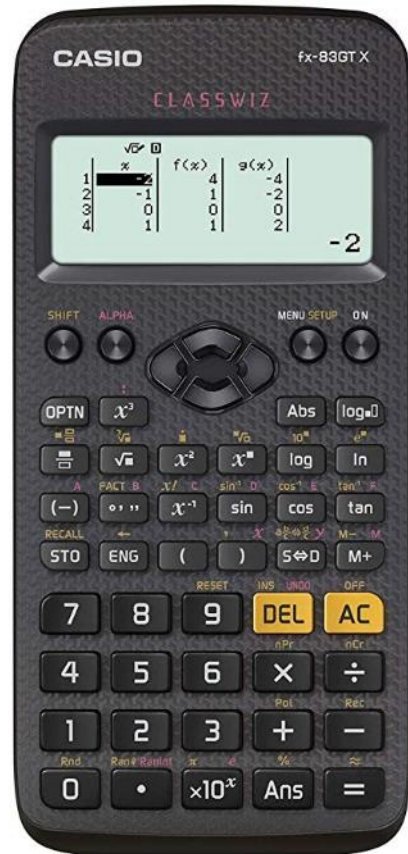
GCSE Higher – Corbettmaths Revision Cards



90 revision cards for the New 9-1 GCSE Maths Higher –  
Price £8.99 + £2 P&P (UK)

£10.99





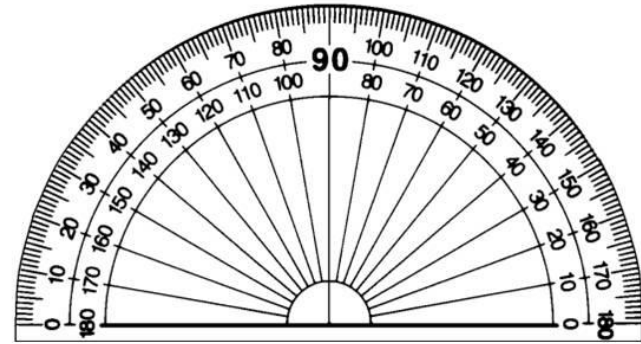
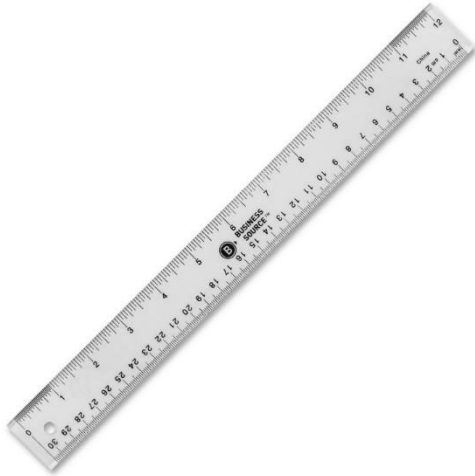
**CASIO fx-83GT X**  
**£10**  
**RRP £15**



**CASIO fx-991EX**  
**RRP £28**



## Other equipment



# Revision Tips for Pupils...

- Do not revise for more than 1 hour without taking a 5-10 minute break. Stay hydrated and drink water.
- Stay focused. Hours can be easily wasted on social networks and mobile phones. Revise when you are most alert.
- Plan to revise specific topics.
- Target difficult topics and do not avoid them. Face your fears.
- Have a revision area at home.
- Motivate yourself. Find a reason to want to succeed.
- Answer questions from past papers, under exam conditions (ask your parents to invigilate). Make your own papers on WJEC exam builder.
- Don't leave revision until last minute. Eat properly. Sleep properly.
- Enjoy it!!





# Parents can...

- Ensure students complete all homework tasks on time
- Ensure students attend revision sessions
- Ensure students have all materials needed for a successful revision programme
- Reward/praise students for their hard work
- Help them learn their formulas'!!
- Ask the Maths Department for support





Any Questions?



- [Sarah.timbrell@archbishopmg.co.uk](mailto:Sarah.timbrell@archbishopmg.co.uk)





# Cymraeg



Unit 1	Unit 2	Unit 3	Unit 4
<p><b>Oracy exam in pairs or groups</b> (25% of GCSE)</p> <p>Pupils will be expected to watch a short video clip in Welsh, making comparisons with the content and continuing a discussion with their partner around the overarching theme of the clip.</p>	<p><b>Oracy exam in pairs or groups</b> (25% of GCSE)</p> <p>Pupils will be expected to watch a short video clip in Welsh, making comparisons with the content and continuing a discussion with their partner around the overarching theme of the clip.</p> <p>Sat in Year 10 April 24/25/26 Provisional date ONLY!</p>	<p><b>Reading exam - 90 minutes</b> (25% of GCSE)</p> <p>This will be an official exam in the exam hall. Students will complete a variety of reading exercises (although some extended writing tasks will also be involved)</p>	<p><b>Writing exam – 90 minutes</b> (25% of GCSE)</p> <p>This will be an official exam in the exam hall. Students will complete a variety of written exercises (although some reading will also be involved)</p>

# Cymraeg



- **Units 1 and 2**

- Pupils will not know the topic they will be expected to discuss beforehand.
- Units 1 and 2 are worth 50 marks each and worth 25% of the GCSE.
- Your child will usually be examined by their class teacher.

- **Units 3 and 4**

- These units will be sat in the exam hall and marked externally by the WJEC.
- Units 3 and 4 are worth 50 marks each and worth 25% of the GCSE.



# Cymraeg



- **What support is in place?**
- During lessons, pupils will practise oracy skills usually in their working groups on a selection of topics practising responding to the video.
- Pupils will complete assessments throughout the course in all skills and receive detailed feedback from their teacher on how to improve.
- Teachers will upload support materials to Google Classroom where students can get in touch if they need any additional support or have any questions.
- All students should have signed into their Welsh Google Classroom which is populated by their class teacher. Additional resources including revision help and classroom support will be uploaded here.
- Students can use the links below to access additional support including helpmats and past paper style questions to work on independently.

## Unit 1

<https://padlet.com/MissLewisCymraeg/5udm7poxigpg>

## Unit 2

<https://padlet.com/MissLewisCymraeg/a5c2mdm43rmg>

## Unit 3

<https://padlet.com/MissLewisCymraeg/p77jvxr0rlp6>

## Unit 4

<https://padlet.com/MissLewisCymraeg/ot49amze89be>



# We Are Stronger Together

## Similar pupils

What story does this tell?



Empowered

Virtuous

Employable

### What does this set of results show?

This pupil has probably taken the attitude of Welsh doesn't matter. 'I don't care what I get in Welsh'. There are clearly elements this person will not give their best to. What will that be within the role we offer?

Maths	B
Saesneg	B
RE	C
Science	C
Cymraeg	F

### What does this set of results show?

This person has given their best across the board and will endeavor to do their best whatever is thrown at them in the role within our company.

Maths	B
Saesneg	B
RE	C
Science	C
Welsh	C



Should you have any queries, please contact me on the address below

[nicola.lewis@archbishopmg.co.uk](mailto:nicola.lewis@archbishopmg.co.uk)

**Diolch yn fawr iawn!**

# GCSE Science

## **Triple Science Award:**

- 3 qualifications- Biology, Chemistry & Physics.
- Practical coursework – 10% - January-February

## **Double Science Award:**

- 2 Qualifications- Comprised of Biology Chemistry & Physics, these combine to give a dual grade A\*/A\*, B/C, E/F, G/G etc.
- Practical coursework – 10%- January- February

## **Double Applied Science Award:**

- A mix of biology, chemistry and physics in the real world, e.g use of radiotherapy using ionising radiation in the treatment of cancer.
- 30% task based assessment- one in November and one in January-February.

Richard Jones

Head of Science

**EXAMINATION DATES TO BE CONFIRMED**

# Your effect:

- A Free School Meals study in England found that:

***"80% of a pupil's achievement was influenced by family life, the neighbourhood they grow up in and their socio-economic background and only 20% influenced by what they do in lessons."***

- 171 science lessons in an academic year
- 57 lessons for each science
- 190 days in school
- 1.25% influence by one teacher in a given year.
- Attendance is crucial! – 90% attendance means that your child has missed a day of school every 2 weeks.

# How much time should I spend revising?

- At least an hour per subject in a regular week.
- When there are end of topic tests then maybe this would increase to around 2/3hrs per week per subject.
- Tests are always scheduled in class and students are given reasonable time to revise (at least 2 weeks or so).
- AVOID DISTRACTIONS!! Revise away from mobile phone, at the dinner table/perhaps not in the bedroom etc.

# Courses offered in science:

Triple Science  
(H&F)

Triple Science  
(H&F)

3 GCSE Qualifications consisting of Biology, Chemistry & Physics- A\*-G  
6 exams in total and 3 External Assessments

Double Applied  
Science (H&F)

Double Applied  
Science (H&F)

2 GCSE Qualifications consisting of Biology, Chemistry & Physics - A\*-G  
3 exams in total and 2 External Assessments

Triple Science: External assessment worth 10%

Double Applied Science: External assessments totaling 30%



# Plan your revision!

	Monday 1	Tuesday 2	Wednesday 3	Thursday 4	Friday 5
9 am	A101 English [2]	Math Read pages 101-103 Solve tasks 1a) to 4e) [1]	B009 German	B102 Math [1]	A050 German
10 am	A101 English [2]	B102 Math [1]	B009 German	B102 Math [1] Gym Sport	A101 English [2]
11 am		B302 Biology	A050 English [2]	B103 Religion	B201 'A' History Written exam Learn all topics from this year - First part are multiple choice questions - Second part are some questions where more extensive answers are required
12 pm		B302 Biology	A050 History	B103 Religion	
1 pm					
2 pm	Geography		B302 Biology	A102 Art	
3 pm	Geography			A102 Art	
4 pm			P142 Computer Science	Gym Sport	
5 pm			P142 Computer Science		

# Flashcards!



## Concord Record Card Smooth 127x77mm Assorted Ref 16099 [Pack of 100]

by [Concord](#)



[91 customer reviews](#)

**Amazon's Choice** for "flashcards"

RRP: ~~£3.13~~

Price: **£2.57** & **FREE Delivery** in the UK on orders over £20. [Details](#)

You Save: **£0.56 (18%)**

**In stock.**

**Want it Monday, 19 Mar.?** Add it to a qualifying order within **21 hrs 13 mins** and choose **One-Day Delivery** at checkout. [Details](#)

Dispatched from and sold by Amazon. Gift-wrap available.

**Note:** This item is eligible for **click and collect**. [Details](#)

**25 new** from **£1.99**

Package Quantity: **1**

**1**

**£2.55**

**2**

£4.50

**3**

£6.76

Style Name: **OriginalPackaging**

- Pastel record cards
- 160 gsm, 100 cards per pack
- Suitable for keeping addresses, notes, important information and ideal for use with card index systems
- Size 5 x 3 Inch



**DEFINITION**  
Blood is a fluid connective tissue that carries oxygen and nutrients to the body's cells and removes waste products.

**DETAILS**  
• Blood is composed of plasma and cells.  
• Plasma is the liquid part of blood.  
• Cells include red blood cells, white blood cells, and platelets.  
• Blood flows through blood vessels (arteries, veins, and capillaries).  
• The heart pumps blood throughout the body.

**DEFINITION**  
The heart is a muscular organ that pumps blood throughout the body.

**DETAILS**  
• The heart is located in the chest cavity.  
• It is composed of four chambers: the right atrium, right ventricle, left atrium, and left ventricle.  
• The right side of the heart pumps deoxygenated blood to the lungs.  
• The left side of the heart pumps oxygenated blood to the rest of the body.

**DEFINITION**  
Arteries are blood vessels that carry oxygenated blood away from the heart.

**DETAILS**  
• Arteries have thick, muscular walls.  
• They have a narrow lumen.  
• They carry blood under high pressure.

**DEFINITION**  
Veins are blood vessels that carry deoxygenated blood back to the heart.

**DETAILS**  
• Veins have thin, elastic walls.  
• They have a wide lumen.  
• They carry blood under low pressure.

**DEFINITION**  
Capillaries are the smallest blood vessels in the body.

**DETAILS**  
• Capillaries are only one cell thick.  
• They have a very small lumen.  
• They allow for the exchange of oxygen and nutrients between the blood and the body's cells.

**DEFINITION**  
The circulatory system is the system of blood vessels and the heart that transports blood throughout the body.

**DETAILS**  
• The circulatory system consists of the heart, arteries, veins, and capillaries.  
• It is responsible for delivering oxygen and nutrients to the body's cells and removing waste products.

**DEFINITION**  
The respiratory system is the system of organs and tissues that take in oxygen and remove carbon dioxide from the body.

**DETAILS**  
• The respiratory system includes the trachea, bronchi, and lungs.  
• It is responsible for the exchange of gases between the body and the environment.

**DEFINITION**  
The digestive system is the system of organs and tissues that break down food into nutrients that the body can use.

**DETAILS**  
• The digestive system includes the mouth, esophagus, stomach, and intestines.  
• It is responsible for the breakdown of food and the absorption of nutrients.

**DEFINITION**  
The excretory system is the system of organs and tissues that remove waste products from the body.

**DETAILS**  
• The excretory system includes the kidneys, ureters, and bladder.  
• It is responsible for the removal of metabolic waste from the body.

**DEFINITION**  
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**DEFINITION**  
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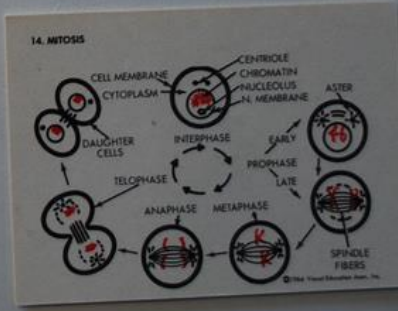
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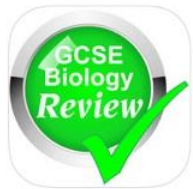
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# Apps

🔍 pembroke soft



WJEC GCSE  
Biology Review  
Education

£5.99

**back** Osmosis (WJEC) **help**  
1 question on this panel.

In osmosis, sugar molecules

- A cannot move through a membrane
- B move from strong solution to weak
- C condense
- D move from weak solution to strong

weak solution strong solution

🔍 pembroke soft



GCSE Physics Review  
- WJEC

£5.99

Complete Learning and Revision

**back** Ammeter and Voltmeter **help**  
1 question on this panel.

To measure the current through and voltage across the lamp we use

A B C D



GCSE Chemistry Review  
- WJEC

£5.99

Education

**back** Looking for Chemical Change **help**  
1 question on this panel.

magnesium carbonate  
spatula  
dilute hydrochloric acid  
tip to mix  
fizz - gas is produced

We know that a gas is produced in this reaction because

- A the test tube boils
- B it is white
- C there is fizzing
- D it is colourless

# Bangor revision on the move!

Q2 Drag the words to their correct positions to compare plant and animal cells.

**Biology ReVISION**

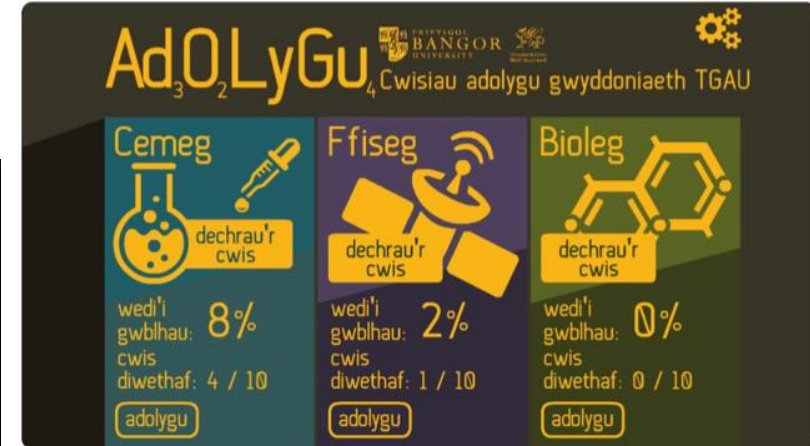
	Plant Cells	Animal Cells
Cell wall	?	No cell wall
	?	?
	Chloroplast	No chloroplast
No permanent vacuole		
Large permanent vacuole		

↺ →

adolygu - revision



Adolygu - Revision  
Education



Adolygu 2 - Revision 2  
Education

OPEN



# Past papers, past papers, past papers!

- There is no substitute to practicing questions that you are likely to come across.
- You'll learn the style of questioning and the content you need to brush up on.
- Check your answers against the mark scheme. Anything you're unsure of check with your teachers.

# What happens next?

- End of topic tests will begin soon and all revision material will be available to students in the back of their booklets.
- Preparation for these will be crucial and will help us identify areas that need addressing.
- External assessments will carry on as normal this year without any adaptations.
- Any questions?

Richard.jones@archbishopmg.co.uk



# Diolch yn fawr!

- [Richard.jones@archbishopmg.co.uk](mailto:Richard.jones@archbishopmg.co.uk)

# GCSE English Literature Course Outline

## Unit 1 (35%):

- Section A (21%): Exam on *Of Mice and Men*.
- Section B (14%): Exam on poetry comparison.

## Unit 2A (40%):

- A 2 hour exam split into two sections, one on *An Inspector Calls* and the other on *Heroes*.

## Unit 3 (25%):

- Section A (12.5%): Shakespeare - analysis of set theme in *Macbeth*.
- Section B (12.5%): Welsh writing in English - comparative analysis of poems written by Welsh poets.

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You will have completed 60% of your  
Literature GCSE in year 10.

# GCSE English Literature Course Outline

## Unit 1 (35%):

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## Unit 3 (25%):

- **Section A (12.5%): Shakespeare - analysis**
- Section B (12.5%): Welsh writing in English - comparative analysis of poems written by Welsh poets.

12.5% of your Literature GCSE will be completed this term.



# GCSE English Language Course Outline

## Unit 1 (20%) - Oracy:

- Task 1 (10%): Individual Presentation.
- Task 2 (10%): Group Discussion.

## Unit 2 (40%) - Description, Narration and Exposition:

- Section A (20%): Reading - A series of questions relating to a range of small texts in the paper.
- Section B (20%): Writing - One proofreading task focusing on writing accurately. There will also be one writing task to be chosen from a selection of two options.

## Unit 3 (40%) - Persuasion, Argumentation and Instructional:

- Section A (20%): Reading - A series of questions relating to a range of small texts in the paper.
- Section B (20%): Writing - One compulsory argumentation writing task and one compulsory persuasive writing task.

# Provisional Key Dates

- Shakespeare controlled assessment- week commencing 26<sup>th</sup> October
- Poetry controlled assessment- December
- Unit 1 English exam- May 2023
- June 2023- GCSE English Language Oracy Task 1

# How Do I Prepare Myself?

- Familiarise yourself with the assessment objectives;
- Purchase and read the set text: Of Mice and Men
- Learn the key themes from the set texts;
- Memorise relevant quotations and analysis, using cue cards and quizzes;
- Practise extract and essay questions.



# YEAR 10:GCSE RE

- Pupils will be sitting two exams in total over the two years.
- The first exam will be this summer:

Paper 1 (50%) – on everything they covered in Year 10 (May)

# Paper 1

- Theme 1 – Catholic Core beliefs, teachings and practices
  - Theme 2 – Jewish Core beliefs, teachings and practices
  - Theme 3 – Issues of Life and Death
  - Theme 4 – Issues of Good and Evil
- 
- The paper will have 4 questions (one on each theme) and will be 2 hours long.

# How we will support your child

- Continue to assess regularly – end of unit tests
  - Key words tests
  - Provide revision materials and course materials
  - Provide additional revision sessions from March
- 
- If you have any questions, please do not hesitate to get in touch:

[caroline.dunn@archbishopmg.co.uk](mailto:caroline.dunn@archbishopmg.co.uk)

# How can you support your child?

- Engage in their learning – ask questions/test
- Encourage the use of useful websites
- Useful websites:
  - BBC Bitesize
  - WJEC
- [caroline.dunn@archbishopmg.co.uk](mailto:caroline.dunn@archbishopmg.co.uk)

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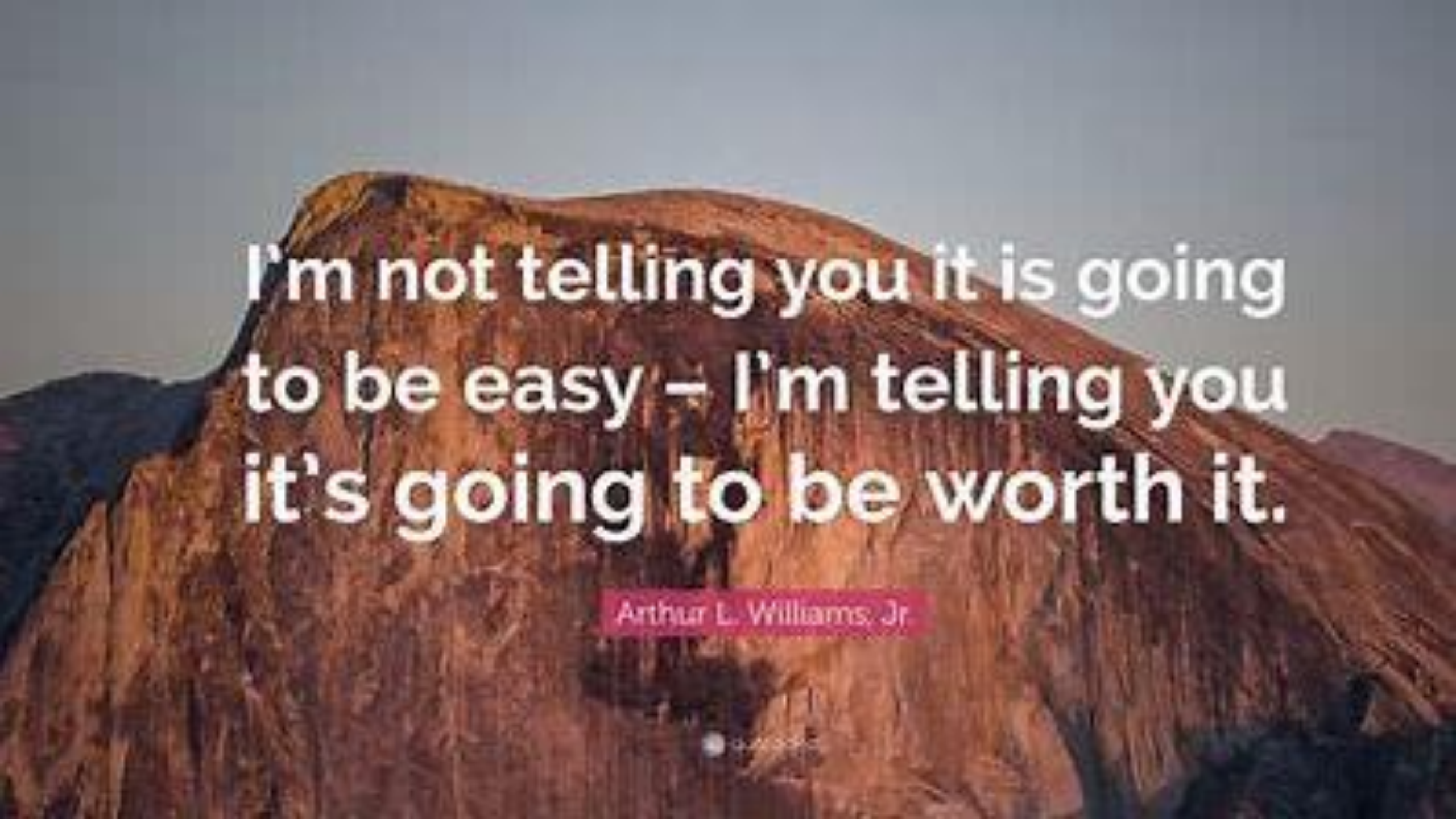
**Archbishop McGrath Catholic High School**  
**Ysgol Uwchradd Gatholig Archesgob McGrath**



**Year 10 Calendar 2022 - 2023**



DATE	SUBJECT



I'm not telling you it is going  
to be easy – I'm telling you  
it's going to be worth it.

Arthur L. Williams, Jr.

If you have any questions please do not hesitate to contact

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