

To support you in achieving the best possible outcome in your assessment, please revise the following topics





#### Year 9 **English**

#### Revision / Topic List

Extract response

https://www.bbc.co.uk/bitesize/quides/zxhjsq8/revisi

https://www.bbc.co.uk/bitesize/guides/zg8qfrd/revisi





# Year 9 Mathematics Foundation

### Summer Term Assessment Progress Update 3 w/b 9th and 16th June

To support you in achieving the best possible outcome in your assessment, please revise the following topics



Section	Topic descriptor(s)	Non calculator paper	Calculator paper	
	Number			
Understanding Number and Place	Rounding (e.g., nearest 10, whole numbers, decimal places)		clip 22 39	
Value	Directed numbers		clip 19,58a,58b	
	Indices	clip 38	3 and 67	
Understanding number	Fraction / percentage of an amount	clip	60,70	
relationships and methods of calculation	Expressing a number as a fraction / percentage of another	clip 72 73		
calculation	Calculating using ratios, proportional division	clip 78		
	Recurring decimals		clip 129	
Solving numerical problems	Calculations involving basic knowledge of money; pounds (£) and pence	clip 18a 18b		
	Interpreting calculator displays, including rounding appropriately		clip 64	
	Venn diagrams		clip 120a 120b	
Algebra				
Functional relationships	Recognising, describing, and continuing number patterns and sequences		clip 47	
	Coordinates	clip 25		
	Substitution		clip 84	
Equations and formulae	Formation and simplification of expressions (may include expanding brackets, collecting like terms, etc.)	clip 45,83	3,138a,137	
	Linear equations	clip 139a 140		

Geometry and Measure				
	Nets	clip 48		
	2-D representations of 3-D shapes	✓		
	Accurate use of a ruler and a protractor	cli	p 50	
Properties of shape	Symmetry	clip 28		
	Basic angle facts (vertically opposite angles, angles at a point, angles on a straight line)	cliį	o 90	
	Further angle facts (may include parallel lines, triangles, quadrilaterals)	clip	91 92	
Properties of position, movement, and transformation	Transformations	clip 98,99,100,101		
and transformation	Bearings		clip 114	
	Calculations involving time		clip 12a	
	Using and converting metric units	clip 105a		
	Using and converting metric and Imperial units	clip 105b 105c 105d		
Measures	Compound measures – speed		clip 106	
	Perimeter and area of shapes	clip 51,52,102,103,1 04,109		
	Surface area / area of cross-sections / volume		clip 47a,147b 108 148	

Statistics				
Processing, representing, and	Bar charts / pie charts		clip 10 121	
interpreting data	Averages / range	clip 122, 160a		
	Vocabulary of probability, including the terms 'fair', 'evens', 'certain', 'likely', 'unlikely ' and 'impossible'		clip 9	
	The probability scale	clip 9		
Probabilities of events	Theoretical probabilities of equally likely outcomes	clip 55		
	Compound events / experiments (e.g., using tabulation, Venn diagrams)	clip 183		

Year 9
Mathematics
Intermediate

### Summer Term Assessment Progress Update 3 w/b 9th and 16th June

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Drea	m. Reach	. Achieve.

Section	lopic descriptor(s)	calculator paper	paper
	Number		
Understanding Number and	Rounding (e.g., whole numbers, decimal places, significant figures)		Clip 22, 39, 126
Place Value	Directed numbers		Clip 19, 58a 58b
	Expressing numbers as products of prime factors	Clip 20, 65	
	Lowest common multiple (LCM) and highest common factor (HCF)		Clip 124, 125
	Indices	Clip 38, (	57, 163
	Standard form	Clip 161	
	Fraction / percentage of an amount	Clips 60, 70, 71	
Understan ding number	Expressing a number as a fraction / percentage of another	clip 72,73	
relationshi ps and	Fractional and percentage changes, including the use of multipliers	clip 131	
methods of	Repeated proportional changes	clip 76	
calculation	Calculating using ratios, proportional division	clip 78	
	Recurring decimals		Clip 129
Solving numerical problems	Calculations involving basic knowledge of money; pounds (£) and pence	clip 18a	
	Finding original amounts (given the results of proportional changes)		clip 131 167
	Interpreting calculator displays, including rounding appropriately		clip 64
	Upper and lower bounds	Clip 128, 164	
	Venn diagrams		Clip 120a 120b

Algebra				
Functional relationships	Number patterns and linear sequences	clip 47,87,88		
	Coordinates	Clip 25, 96		
	Substitution		Clip 84	
	Formation and simplification of expressions: may include expanding brackets, collecting like terms, factorising, etc.  (this descriptor does not include factorising three-term quadratic expressions)	clip 45,83,	138a,137	
Equations and	Linear equations	clip 139a 140		
formulae	Changing the subject of a formula		Clip 141	
	Linear inequalities	clip 202		
	Simultaneous equations		Clip 144, 171	
	Trial and improvement		Clip 174	

Year 9
Mathematics
Intermediate
Cont.

### Summer Term Assessment Progress Update 3 w/b 9th and 16th June

To support you in achieving the best possible outcome in your assessment, please revise the following topics



Geometry and Measure				
	Accurate use of a protractor		clip 50	
	Constructions – angles and perpendicular lines	clip 112 113 151a&b, 152		
Properties of	Basic angle facts (vertically opposite angles, angles at a point, angles on a straight line)	clip 90		
shape	Further angle facts (may include parallel lines, triangles, quadrilaterals)	clip 91 92		
	Regular and irregular polygons (may include sum of interior and / or exterior angles)		clip 94	
	Pythagoras's Theorem	Clip 15, 179		
	Right-angled triangle trigonometry		Clip 180	

	Circle theorems	Clip 181	
Properties of position,	Transformations	clip 98,99,100,101	
movement, and transformation	Bearings		clip 114
	Calculations involving time	clip 1	2a
	Using and converting metric and Imperial units	clip 105a,105b,105c,10 5d	
Measures	Dimensions	clip 149	
	Compound measures – speed		clip 106
	Perimeter and area of shapes	clip 51,52,102103,104,1 09	<b>~</b>
	Surface area / area of cross-sections / volume		clip 47a,108,147b,1 48

Statistics				
Processing, representing, and interpreting data	Bar charts / pie charts		clip 10, 121	
	Averages / range	clip 122,160a		
	Vocabulary of probability, including the terms 'fair', 'evens', 'certain', 'likely', 'unlikely ' and 'impossible'		clip 9	
	The probability scale		clip 9	
	Theoretical probabilities of equally likely outcomes	clip 55		
Probabiliti es of events	Compound events / experiments (e.g., using tabulation, Venn diagrams, tree diagrams)	clip 158a	ı, 183	
	Total probability = 1	clip 117		
	Mutually exclusive / independent events	clip 2	19	



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### Year 9 Science



#### Revision / Topic List

- GCSE Chemistry Unit 1 How do you separate out a mixture?
- GCSE Chemistry Unit 1 What does mass number and atomic number mean?
  - GCSE Biology Unit 1 How do we use a microscope?
  - GCSE Biology Unit 1 What do cells look like under a microscope?
- GCSE Physics Unit 1 How is current and voltage measured?
  - Breathing rates
    - pH Scale

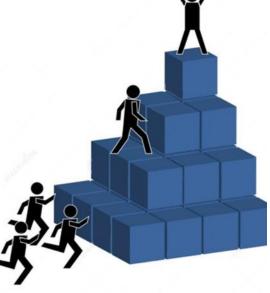
You will need to be able to Name, Explain and Define the above topics





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#### Year 9 PE



- Participation in Sport
- Aerobic fitness and its impact on cardiovascular endurance.
  - Characteristics of skilful performance
    - Body movement
    - Bones in the body
    - Anaerobic fitness

You will need to be able to List, Name, Define & Justify the above topics.





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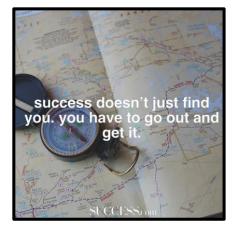




Year 9 RVE



- Key word definitions
- Christian attitude towards forgiveness
- Nature and purpose of sex for Christians and Jews
  - Arguments for and against euthanasia







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#### Year 9 History

#### Revision / Topic List

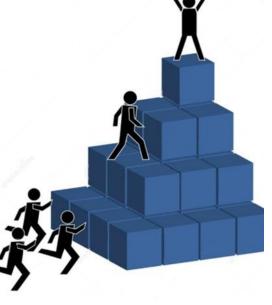
- Treaty of Versailles
  - Franz Ferdinand
- Crime and Punishment





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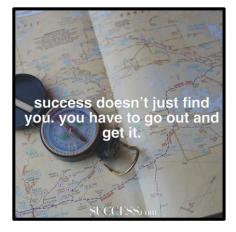


#### Year 9 Geography

#### Revision / Topic List

- Keywords
- Factors that influence climate.
- Airmasses and the Jet Stream.
- Weather Symbols/Climate Graphs.
- How do tropical storms impact on people's lives and the economy of a country?

You will need to be able to Name, Explain, Compare and Define the above topics







To support you in achieving the best possible outcome in your assessment, please revise the following topics







#### Revision / Topic List

- Media music, film etc.
  - Translation
- Welsh music and television

You will need to be able to understand a variety of different texts about Welsh media and write a letter about your likes and dislikes.

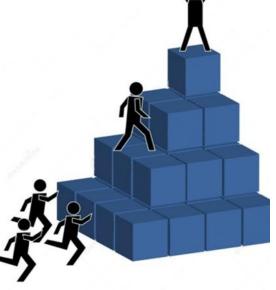






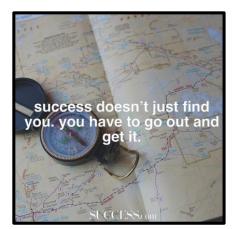
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#### Year 9 Art



#### Revision / Topic List

- Understanding of how portraiture painting and drawing has changed through time, including the reasons for people having portraits
  - The style of Chuck Close
- The proportions and dimensions of portraiture drawing
  - Caricatures and their purpose
- Personal identity in a portrait and the work of Teesha Moore
  - Basic collage techniques
  - Banksy and reasons why people protest



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#### Year 9 Music



#### Revision / Topic List

- Blues (12 Bar Blues, Syncopation, Improvisation, Riff, Walking Bass, Scat)
  - Chords (including sequences and what are primary chords?)
    - General knowledge from Years 7 to 9

More details on Google Classroom!

 You will need to be able to List, Name, Define & Justify the above topics.





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Year 9
Dance

#### Revision / Topic List

- Key words and definitions
- Understanding a range of stimuli used in dance
  - Postcards as narrative
- Key elements of the professional work Expressions of Emancipation by Boy Blue Entertainment



