

Learning Plan 2

YEAR: 11

SUBJECT: Maths (Foundation)

BLWYDDYN: 11

PWNC: Mathemateg (Sylfaenol)

Knowledge focus: number, algebra, geometry and statistics



Skills, knowledge and understanding to be developed in this Learning Plan:

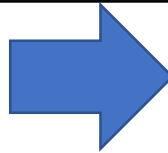
- Exam techniques
- Area & perimeter
- Volume & surface area
- Transformations

Key terms to be learned in this LP:

Evaluate, solve, calculate, estimate, simplify, express, describe, explain, prove, construct, draw, accurate, scale

Week/Wythnos 1 & 2 Learning Objectives: Revision and assessment

- Apply knowledge and skills (including calculator skills) to targeted revision tasks
- Completion of mock exams: one GCSE Maths paper and one GCSE Numeracy paper in exam conditions



Assessment:
Mock exams

Objective assessments: Be able to:

Complete mock exams: one GCSE Maths paper and one GCSE Numeracy paper

Homework/ Gwaith cartref:

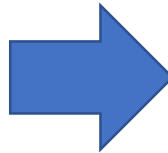
Revision for mock exams

Set:

Due:

Week/Wythnos 3 & 4 Learning Objectives:

- Read and respond to bespoke teacher feedback on both mock papers
- Engage in whole-class mock exam review



Objective assessments: Be able to:

Make improvements to the GCSE Maths paper and GCSE Numeracy paper sat in the mock exams

Homework/ Gwaith cartref:

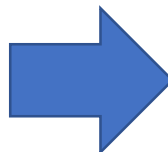
Set:

Due:

Week/Wythnos 5 Learning Objectives:

Geometry revision as directed by class teacher, to include:

- Calculate the area and circumference of a circle
- Calculate area of triangles, parallelograms, trapezia
- Calculate the surface area and volume of a cuboid
- Complete translations, reflections, rotations and enlargements
- Calculate perimeters
- Calculate the area of a rectangle
- Estimate areas by counting squares



Objective assessments: Be able to:

Answer GCSE questions on area, perimeter, volume, surface area, angles, Pythagoras' Theorem, transformations and loci/constructions

Homework/ Gwaith cartref:

Set:

Due:

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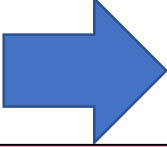
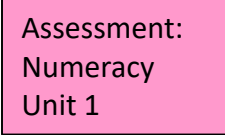
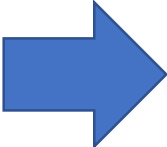
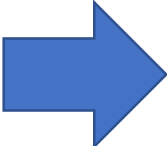
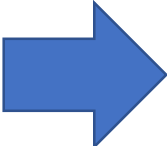

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<p>Week/Wythnos 6 Learning Objectives:</p> <ul style="list-style-type: none">Apply knowledge and skills (including calculator skills) to revision tasksCompletion of a GCSE Numeracy Unit 1 paperRead and respond to bespoke teacher feedback on the GCSE Numeracy Unit 1 paper	 	<p>Objective assessments:</p> <p>Be able to:</p> <p>Complete a Unit 1 numeracy paper in exam conditions</p>	<p>Homework/Gwaith cartref:</p> <p>Set:</p> <p>Due:</p>
<p>Week/Wythnos 7 Learning Objectives:</p> <ul style="list-style-type: none">Calculator specific revision as appropriate, using past exam papers and other suitable resources		<p>Objective assessments:</p> <p>Be able to:</p> <p>Answer Intermediate tier Maths and Numeracy GCSE questions</p>	<p>Homework/Gwaith cartref:</p> <p>Set:</p> <p>Due:</p>
<p>Week/Wythnos 8 Learning Objectives:</p> <ul style="list-style-type: none">Non-calculator specific revision as appropriate, using past exam papers and other suitable resources		<p>Objective assessments:</p> <p>Be able to:</p> <p>Answer Intermediate tier Maths and Numeracy GCSE questions</p>	<p>Homework/Gwaith cartref:</p> <p>Set:</p> <p>Due:</p>
<p>Week/Wythnos 9 Learning Objectives:</p> <ul style="list-style-type: none">Non-calculator specific revision as appropriate, using past exam papers and other suitable resources		<p>Objective assessments:</p> <p>Be able to:</p> <p>Answer Intermediate tier Maths and Numeracy GCSE questions</p>	<p>Homework/Gwaith cartref:</p> <p>Set:</p> <p>Due:</p>
<p>Week/Wythnos 10 Learning Objectives:</p> <ul style="list-style-type: none">Non-calculator specific revision as appropriate, using past exam papers and other suitable resources		<p>Objective assessments:</p> <p>Be able to:</p> <p>Answer Intermediate tier Maths and Numeracy GCSE questions</p>	<p>Homework/Gwaith cartref:</p> <p>Set:</p> <p>Due:</p>