Learning Plan 2

YEAR: 11 BLWYDDYN: 11 **SUBJECT: Maths (Intermediate) PWNC: Mathemateg (Ganolradd)**

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
- Angles in polygons
- Pythagoras' Theorem
- Transformations
- Loci and constructions

Key terms to be learned in this LP:

Evaluate, solve, calculate, estimate, simplify, express, describe, explain, prove, construct

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/Gwait h 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/Gwait h cartref:

Set:

Due:

Week/Wythnos 5 Learning Objectives:

<u>Geometry revision as directed by class teacher,</u> <u>to include:</u>

- Calculate the area/perimeter of 2d shapes and volume/surface area of prisms
- Calculate angle totals and individual interior/exterior angles in polygons
- Recall and apply Pythagoras' Theorem in 2D and 3D
- Complete and describe combinations of transformations
- Complete constructions and solve loci problems by using a pair of compasses appropriately



Objective assessments:

Be able to:

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

Homework/Gwait h cartref:

Set:

Due:

Learning Plan 2

YEAR: 11 SUBJECT: Maths (Intermediate)
BLWYDDYN: 11 PWNC: Mathemateg (Ganolradd)

Knowledge focus: number, algebra, geometry and

Non-calculator specific revision as

other suitable resources

appropriate, using past exam papers and

statistics



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Week/Wythnos 6 Learning Objectives:		Objective	Homework/Gwaith
A self-described as a self-delite fixed of the		assessments:	cartref:
 Apply knowledge and skills (including calculator skills) to revision tasks 			Set:
• Completion of a GCSE Numeracy Unit 1 paper	Assessment:	Be able to:	Jet.
Read and respond to bespoke teacher	Numeracy	Complete a Unit 1	Due:
feedback on the GCSE Numeracy Unit 1 paper	Unit 1	numeracy paper in	
		exam conditions	
Week/Wythnos 7 Learning Objectives:		Objective	Homework/Gwaith
Colondata a constitue de distribuir de la constitue de la cons		assessments:	cartref:
 Calculator specific revision as appropriate, using past exam papers and other suitable 		Be able to:	Set:
resources		Answer	Set.
		Intermediate tier	Due:
		Maths and Numeracy GCSE	
		questions	
Week/Wythnos 8 Learning Objectives:		Objective	Homework/Gwaith
		assessments:	cartref:
Non-calculator specific revision as		D 11 .	
appropriate, using past exam papers and other suitable resources		Be able to: Answer	Set:
other suitable resources		Intermediate tier	Due:
		Maths and	
		Numeracy GCSE questions	
Week/Whithnes O Learning Objectives		•	Homework/Gwaith
Week/Wythnos 9 Learning Objectives:		Objective assessments:	cartref:
Non-calculator specific revision as			
appropriate, using past exam papers and		Be able to:	Set:
other suitable resources		Answer Intermediate tier	Due:
		Maths and	Duc.
	•	Numeracy GCSE	
		questions	
Week/Wythnos 10 Learning Objectives:		Objective	Homework/Gwaith

assessments:

Intermediate tier

Be able to:

Maths and Numeracy GCSE questions

Answer

cartref:

Set:

Due: