

Year 9 Sets 5 Mathematics Learning Programme 2

<p>The LORIC skill focus for his LP is: ORGANISATION The Moral Virtues focus for this LP are: COMPASSION and HONESTY Compassion - the quality of feeling pity and concern for the sufferings or misfortunes of others. Honesty - the quality of being truthful.</p>		<p>Literacy:</p> <ul style="list-style-type: none"> Capital letters must be used at the start of sentences and for the first letter of proper nouns Full stops must be used at the end of a sentence Question marks must be used at the end of a question Apostrophes should only be used for possession or omission Days of the week and months must be spelled correctly Key words must be spelled correctly 	
<p>What will I be learning about in this Learning Programme? In LP2 I will be learning about 3D shapes, constructions, loci and rounding.</p>			
<p>Where have I seen this learning before? Year 8: properties of shapes, nets, area, rounding and estimating.</p>			
<p>What could I use it for? The knowledge and skills I will learn in this learning programme will allow me to make and interpret accurate drawings of 2D and 3D shapes. These skills are used in engineering and architecture.</p>			
In LP2.1, I will know:	21/10/24 - (WK 2)	Key Vocabulary	Homework
how to find the circumference of a circle; how to find the area of a circle; how to find the area of compound shapes.		Formulae	LP1:7 Consolidation Sparx Maths
In LP2.2, I will know:	04/11/24 - (WK 1)	Key Vocabulary	Homework
how to find the volume of prisms; how to find the volume of cylinders.		Cylinder	LP2:1 Topics plus consolidation Sparx Maths
LP2 RLW, I will:	11/11/24 - (WK 2)		
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.			Consolidation Sparx Maths
In LP2.3, I will know:	18/11/24 - (WK 1)	Key Vocabulary	Homework
how to draw and measure angles up to 180 degrees; how to draw and measure angles between 180 degrees and 360 degrees.		Degrees	LP2:2 Topics plus consolidation Sparx Maths
Extended Task.			
In LP2.4, I will know:	25/11/24 - (WK 2)	Key Vocabulary	Homework
how to construct SAS triangles; how to construct ASA triangles; how to construct SSS triangles.		Congruent	LP2:3 Topics plus consolidation Sparx Maths
In LP2.5, I will know:	02/12/24 - (WK 1)	Key Vocabulary	Homework
how to identify and name 2D shapes; how to identify and name 3D shapes; how to identify faces, edges and vertices of 3D shapes.		Vertices	LP2:4 Topics plus consolidation Sparx Maths
In LP2.6, I will know:	09/12/24 - (WK 2)	Key Vocabulary	Homework
how to draw nets of cubes and cuboids; how to draw accurate nets of other 3-D shapes; how to identify and draw plans and elevations.		Nets	LP2:5 Topics plus consolidation Sparx Maths
Extended Task.			
In LP2.7, I will know:	16/12/24 - (WK 1)	Key Vocabulary	Homework
how to round decimals to a given number of decimal places; how to estimate the answer to calculations by rounding to 1 significant figure; how to find error intervals for rounding and truncating decimals.		Elevation	LP2:6 Topics plus consolidation Sparx Maths
Resources to support learning:			
Pupils have access to knowledge organisers and Sparx Maths to further support them in their Mathematics revision beyond the classroom. All weekly homework tasks will be set on Sparx Maths and all questions have a video to support. Pupils can access any topic in the Independent Practice section on Sparx Maths. Sparx Maths has been introduced to the pupils by their teachers and their login details should be written in their planner.			
FEET Award Challenge for this Learning Programme:			
Complete 4 XP Boost Tasks on Sparx Maths			

