

Year 7 Maths

Learning Programme 4

Reading texts that pupils will study during the learning programme

Loric for LP4 is Initiative

The values we are learning about are integrity and gratitude	Problem solving questions on find the common denominator, pie chart, angle reasoning
Integrity - Being honest and having strong moral principles	
Gratitude- the quality of being thankful and showing appreciation	
What will I be learning about in this Learning Programme? Addition & subtracting fractions, constructing, measuring & using geometric notation, developing geometric reasoning. Where have I seen this learning before? Measuring and drawing angles, constructions with a compass. Identifying properties of 2D shapes What could I use it for? in combination with other topics to solve multi step problems in KS3 and KS4.	

In LP3.1, I will know :	10/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to prepare for an assessment; assessment.		I will show integrity by expressing gratitude to others.	Homework tasks are located in the Knowledge Organisers
In LP3.2, I will know :	17/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to evaluate algebraic expressions with directed number; how to solve two step equations with directed number; how to use order of operations with directed numbers.		I will show gratitude by showing my appreciation when someone does something nice.	Homework tasks are located in the Knowledge Organisers
In LP3.3, I will know :	24/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to calculate fractions of a given amount; how to find percentages of a given amount; how to convert between mixed numbers and fractions. Extended Task		I will show integrity by taking responsibility for my actions whether they be good or bad.	Homework tasks are located in the Knowledge Organisers
In LP3.4, I will know :	31/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to add and subtract fractions with the same denominator; how to add and subtract fractions from integers; how to understand and use equivalent fractions.		I will show gratitude by completing a random act of kindness.	Homework tasks are located in the Knowledge Organisers
In LP3.5, I will know :	21/04/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to add and subtract fractions with any denominator; how to add and subtract improper fractions and mixed numbers; how to use fractions in algebraic contexts.		I will show integrity by being reliable and trustworthy.	Homework tasks are located in the Knowledge Organisers
In LP3.6, I will know :	28/04/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to identify, measure and draw angles up to 360 degrees and use notation; how to recognise types of polygon up to 10 edges, perpendicular and parallel lines; how to construct triangles using SSS,SAS,ASA. Extended Task		I will show gratitude by being respectful.	Homework tasks are located in the Knowledge Organisers
In LP3.7, I will know :	05/05/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to construct more complex polygons; how to interpret pie charts; how to draw pie charts.		I will show integrity by showing patience and flexibility when obstacles get in the way.	Homework tasks are located in the Knowledge Organisers

Resources to support learning:

Students will be given login details by their class teacher. Homework will be linked to clip numbers on this website.

FFET Award Challenge for this Learning Programme:

Test your mathematical reasoning and problem-solving skills with the UKMT Junior challenge.

