

## KS3 Maths - Yearly Overview – 2023/2024

GROUP - KS3	Topic	Why are you delivering this topic at this time of year?
<b>Autumn 1</b>	Powers Prime numbers Find the lowest common multiple (LCM) and highest common factor (HCF) of two numbers. Fractions	Because it follows the CPG textbook and it is a good way to start.
<b>Autumn 2</b>	Negative numbers. Using and interpreting inequality statements. Algebra. Solve linear equations. Sequences.	Because it builds and consolidates on the previous work.
<b>Spring 1</b>	Measure and draw angles Construct triangles. Calculate angles in triangles and quadrilaterals. Covert between units' length. Find the area and perimeters of composite shapes.	Because the pupils will start to learn new skills.
<b>Spring 2</b>	Covert between fractions, decimals and percentages. Calculate percentage increase and decrease. Ratio. Apply the relationship between speed, distance and time.	Because it helps the pupils improve their skills and consolidates Previous learning.
<b>Summer 1</b>	Approximate values Rounding numbers Estimate answers Apply appropriate formula to calculate the area and circumference of a circle.	Because the pupils learn new skills related to their previous learning.
<b>Summer 2</b>	Visualise and identify 3D shapes from their nets. Calculate the surface area of a cube, cuboid, triangular prism and cylinder. Design a data collection sheet. Collate and organise results using a bar chart. Construct and interpret pictograms and pie charts. Calculate averages and spread of a set of data.	Because it builds on the skills the pupils learnt last term