

## Year 8 INTENT

To teach the Year 8 content of the Maths Mastery curriculum

Subject: Maths

Developed by: T Lunel

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## IMPLEMENTATION

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Number</b>	<b>Algebraic expressions</b>	<b>Geometry</b>	<b>Proportional Reasoning</b>	<b>Geometry</b>	<b>Statistics</b>
Primes & indices	Order & calculate with negative numbers	Construct triangles & quadrilaterals	Percentage increase & decrease, including multipliers	Use of significant figures and estimation	Collect & organise data, including surveys
Prime factorisation, squares & cubes	Form & solve linear equations (unknowns on one side)	Calculate unknown angles (including parallel lines)	Reverse percentage problems	Circumference & area of a circle	Interpret & compare statistical representations
Use of Venn diagrams to find HCF and LCM	Use more complex algebraic expressions	Unit conversions (including area)	Ratio (equivalent, of a quantity) and rate	Visualise & identify 3D shapes and their nets	Mean, mode & median averages
Add & subtract fractions	Linear sequences: nth term rule	Area of a trapezium	Scaling and multipliers	Volume of a cuboid, prism, cylinder and composite solids	Range & outliers
		Areas & perimeters of composite figures	Speed, distance, time	Surface area	