

Curriculum intent (overview) – To deepen students’ skills and knowledge through a broad and balanced curriculum which prepares students for adulthood.

## 8V Class - **Venture Curriculum** - 3 hours per work. *Flexibility with topic delivery.*

7-9 Ks3 Build on prior knowledge.

Develop fluency  
Reason mathematically  
Solve problems

Year	2024-2025	2024-2025	2024-2025	2024-2025	2024-2025	2024-2025
	<p><b><u>Topic:</u></b></p> <p>Place value</p> <p>Calculation. Addition and subtraction.</p> <p><b>Suggested Key Questions:</b> What do you already know about...</p> <p>Do you know place value to 6 digits? Start and use aspects of Bidmas in multi stage calculations?</p> <p>Students develop a fluency within topics.</p>	<p><b><u>Topic:</u></b></p> <p>Shape. Money</p> <p><b>ggested Key Questions:</b> What do you already know about? Can you understand properties of 2d/3d shapes? Can you use a protractor? Can you Develop fluency in currency. Reason mathematically Solve problems involving shapes.</p> <p><b><u>Key Skills and Knowledge:</u></b></p>	<p><b><u>Topic:</u></b></p> <p>Multiplication Division. Time.</p> <p><b>Suggested Key Questions:</b> Can you solve problems involving different multiplication Are you able to halve a number?  Can you tell the time?  Can you Develop fluency in the topic</p>	<p><b><u>Topic:</u></b></p> <p>Measurement (length and height) Mass capacity and temperature.</p> <p><b>Suggested Key Questions:</b> What do you already know about... Can you fluently use ?  Can you Develop fluency Reason mathematically Solve problems involving algebra. Can you Develop fluency</p>	<p><b><u>Topic:</u></b></p> <p>Calculation. Addition and subtraction.</p> <p>Fractions, decimals, and percentages.</p> <p><b>Suggested Key Questions:</b> What do you already know about... <b>Can you round to nearest 10/100/1000.</b> Can you multiple and divide by 10/100 and 1000? Can you use a scientific calculator? Can you add and subtract fractions? Can you switch between</p>	<p><b><u>Topic:</u></b></p> <p>Statistics</p> <p>Position and direction.</p> <p><b>Suggested Key Questions:</b> What do you already know about. Are you able to use correct tally notation. Can you use the correct language with position. Can you reflect a shape on a mirror line? Can you rotate a shape about a point?</p>

	<p><b><u>Key Skills and Knowledge:</u></b></p> <p>Place value awareness.</p> <p>Addition and subtraction skills</p>	<p>2d/3d properties understanding.</p> <p>Understand different currencies/coins in circulations in the UK.</p>	<p>Can you reason mathematically and solve problems involving multiplication.</p> <p>Can you Develop fluency</p> <p>Reason mathematically</p> <p>Solve problems involving division.</p> <p><b><u>Key Skills and Knowledge:</u></b></p> <p>Multiplication facts</p> <p>Division facts.</p>	<p>Reason mathematically</p> <p>Solve problems involving number.</p> <p>Can you Develop fluency</p> <p>Reason mathematically</p> <p>Solve problems involving mm, cm.metres..</p> <p>Can you Develop fluency</p> <p>Reason mathematically</p> <p>Solve problems involving addition and subtraction.</p> <p><b><u>Key Skills and Knowledge:</u></b></p> <p>How to use measurement instruments.</p> <p>How to measure with accuracy.</p>	<p>fractions/decimals and percentages?</p> <p>Work out the perimeter?</p> <p>Work out the area?</p> <p>-rectangle.</p> <p>-triangle</p> <p>-parallelogram.</p> <p>Key Skills and Knowledge:</p> <p>Understand <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{3}</math> of amounts, shapes and quantities.</p>	<p><b><u>Key Skills and Knowledge:</u></b></p> <p>.Interpret table facts.</p> <p>Extract information from a table.</p> <p>Complete a tally chart.</p>
<p><b>Links to Gatsby Benchmarks:</b></p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><b><u>Benchmark 2</u></b></p> <p>Labour market to information. What are the current trends in the jobs market that involve maths skills at that students are learning.</p> <p><b><u>Benchmark 4.</u></b></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>

