

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

9 v Class - **Venture** -

Promote Facts (keywords)

Rehearsal of key content.

Careful Sequenced topics/Challenge with worded problems.

Encourage learners to:

- Develop fluent knowledge, skills and understanding of fundamental mathematical methods and concepts
- Acquire, select and apply mathematical techniques to solve problems
- Reason mathematically, make deductions and inferences and draw conclusions
- Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context

Year	2025-2026	2025-2026	2025-2026	2025-2026	2025-2026	2025-2026
	<p>Topic:</p> <p>1 Basic Number. 1 week</p> <p>2. Factors and multiples-2 weeks</p> <p>3. Angles 2 weeks</p> <p>4. Evidence EL1--EL3 coursework sheets. 1 week.</p> <p>Consolidation 1 week</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you start to solve worded problems and start to find some key facts?</p>	<p>Topic:</p> <p>1.Algebra -2 weeks</p> <p>2.Fractions, decimal and percentages. -3 weeks</p> <p>3. Evidence EL1--EL3 coursework sheets. 1 week</p> <p>Consolidation 1 week</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>How do we simplify.</p> <p>Key Skills and Knowledge:</p>	<p>Topic:</p> <p>1, Coordinates and linear graphs- 2 weeks.</p> <p>2. Statistics- 2 weeks</p> <p>3, Sequence 2 weeks</p> <p>Coursework complete.</p> <p>Entry Level Exam</p> <p>Consolidation 1 week</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p>	<p>Topic:</p> <p>1.Probability 2 weeks</p> <p>2. Ratio and proportion 2 weeks</p> <p>GCSE Revision Basic Number</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Rehearse key words</p> <p>What is ratio and how does it work? Demonstrate your understanding of $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ etc.</p> <p>Key Skills and Knowledge:</p> <p>Record, describe and analyse the</p>	<p>GCSE Revision Working with</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Key Skills and Knowledge:</p> <p>Construct and interpret plans and elevations of 3D shapes</p> <p>including questions set in context (knowledge of terms used in household</p>	<p>Real Life Maths</p> <p>AQA unit of staff to selects choice.</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Key Skills and Knowledge:</p> <p>Understand wages, taxes, employment</p>

	<p>With some support can you solve basic calculations?</p> <p>Skills and Knowledge:</p> <p>Apply the four operations, including formal written methods, to integers – both positive and negative</p> <p>Use the concepts and vocabulary of prime numbers, factors (divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple, prime factorisation, including using product notation, and the unique factorisation theorem.</p> <p>Apply the properties of:</p>	<p>understand and use the concepts and vocabulary of expressions, equations, formulae, <u>identities</u>, inequalities, terms and factors</p> <p>Calculate exactly with fractions</p>	<p>Can you confidently add up to 100?</p> <p>Key Skills and Knowledge:</p> <p>Work with co-ordinates in all four quadrants</p> <p>Interpret and construct tables, charts and diagrams including, for categorical data:</p> <p>Generate terms of a sequence from either a term-to-term or a</p>	<p>frequency of outcomes of probability experiments using tables and frequency tree</p> <p>Identify and work with fractions in ratio problems</p>	<p>finance, for example profit, loss, cost price, selling price, debit, credit and balance, income tax, VAT and interest rate)</p>	<p><u>opportunities and minimum wage.</u></p>
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	<p>angles at a point angles at a point on a straight line vertically opposite angles</p> <p>Understand and use alternate and corresponding angles on parallel lines</p>		<p>position-to-term rule</p>			
<p>Links to Gatsby Benchmarks:</p>	<p>Benchmark 4 Links to STEM opportunities and careers involve Mathematics</p>	<p>Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?</p>	<p>Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?</p>	<p>Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?</p>	<p>Benchmark 4 Links to STEM opportunities and careers involve Mathematics .</p>	<p>Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?</p>