

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

6.3 Explorer

Promote Facts (keywords)

Rehearsal of key content.

Careful Sequenced topics (demonstrate independently and confidently).

EL2/EL3

GCSE resits.

EL2/3 (<https://qualifications.pearson.com/content/dam/pdf/Entry%20Level%20Certificate/Mathematics/2017/specification-and-sample-assessment/9781446932995-entry-level-mathematics-spec.pdf>)

AQA 8300 GCSE Specification (<https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/specification-at-a-glance>)

Year	2025 – 2026	2025 – 2026	2025 – 2026	2025 – 2026	2025 – 2026	2025 – 2026
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	<p>Topic: Place value- Addition & subtraction.</p> <p>Units & Measures: (time)</p> <p>EL2/3 (see link) GCSE students to follow AQA 8300 GCSE specification.</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Do you you're your place value? Know addition and subtraction. Do you recognize your halves/quarters? Is it am or pm? Can you tell the time to the hour?</p> <p>Skills and Knowledge</p> <p>Whole Numbers & Calculations:</p> <p>Start to Add/subtract whole numbers up to 1000 with limited support.</p> <p>Units & Measures: (time)</p> <p>Understand and use am/pm method of stating time.</p> <p>Understand and use 12 and 24-hour clock notation. Convert between 12 and 24-hour clock notation</p>	<p>Topic: Place value-addition and subtraction.</p> <p>Multiples: Multiplication and division.</p> <p>Units & Measures: (Money)</p> <p>Leavers & year 14 only:</p> <p>Emerging AQA Units 118217/116889 Developing AQA Units 116890/116636 Secure AQA Units 116639</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Rehearse key words</p> <p>What is doubling? Do you know your multiplications? Do you know your divisions? Do you know your British coins? Do you know your 2d/3d shapes properties?</p> <p>Key Skills and Knowledge:</p> <p>Multiples:</p> <p>Know and use multiplication of whole numbers up to 12 x 12 and use this knowledge in multiplication and division problems.</p> <p>Perform simple calculations where the units of quantities are whole numbers of hundreds. Perform simple calculations where the units of quantities are whole numbers of thousands or millions.</p> <p>Units & Measures:</p> <p>Order collection of coins and notes. Give change from £5.</p> <p>Select coins and notes equivalent to an amount of money up to £20. Give change from £20</p>	<p>Topic: Place value-addition and subtraction.</p> <p>Lists & Outcomes (statistics):</p> <p>Revision-specific to child needs-preparation for exam-if sitting GCSE</p> <p>Revision-specific to child needs-preparation for exam-if sitting GCSE</p> <p>Rehearse key words</p> <p>Key Skills and Knowledge:</p> <p>Whole Numbers & Calculations:</p> <p>Understand vocabulary associated with numerical calculations such as sum, difference, share, total, twice, triple.</p> <p>Limited support Subtract whole numbers from an initial value no greater than 1000.</p> <p>Lists & Outcomes:</p> <p>Complete or extract information from lists with a maximum of two columns or two rows. Complete or extract information from printed lists more than two columns or rows.</p>	<p>Topic: Time</p> <p>Ratio & Proportionality</p> <p>Revision-specific to child needs-preparation for exam-if sitting GCSE</p> <p>Leavers & year 14 only:</p> <p>Emerging AQA Units 117250/108644/ 118918 Developing AQA Units 118969 Secure AQA Units 117119/117172/ 116360</p> <p>Promote basic facts-not overload</p> <p>Suggested Key Questions:</p> <p>Promote basic facts-not overload</p> <p>Rehearse key words</p> <p>Can you have half a shape? Can you shade $\frac{1}{4}$ of a shape? How many eggs will you need to make a cake for 2/4/6 people?</p> <p>Gateway</p> <p>Key Skills and Knowledge:</p> <p>Understand and use am/pm method of stating time.</p> <p>Understand and use 12 and 24-hour clock notation. Convert between 12 and 24-hour clock notation</p>	<p>Topic: Multiples: Multiplication and division.</p> <p>Measures (angles)</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Rehearse key words</p> <p>What is doubling? Do you know the multiples of 2x tables? Do you know the multiples of 5x tables? What is an acute angle? What is an obtuse angle?</p> <p>Key Skills and Knowledge:</p> <p>Multiples:</p> <p>Know and use multiplication/division of whole numbers up to 12 x 12 and use this knowledge in multiplication and division problems to estimate using multiplication and division.</p> <p>Perform simple calculations where the units of quantities are whole numbers of thousands or millions.</p> <p>Estimate approximate cost of a list of multiple items to determine if purchases can be made within a stated budget.</p> <p>Units & Measures:</p>	<p>Topic: Place value-addition and subtraction.</p> <p>Units & Measures: (Height/capacity/weight)</p> <p>Leavers & year 14 only:</p> <p>Emerging AQA Units 87714/ 110661 Developing AQA Units 70619 Secure AQA Units 110463</p> <p>Suggested Key Questions: Promote basic facts-not overload</p> <p>Rehearse key words</p> <p>Can you add across 10/20/100/1000? Can you subtract across 10/20/100/1000? What vertices/edges and sides of a 3d shape? What is symmetry?</p> <p>Key Skills and Knowledge:</p> <p>Fluently add whole numbers up to 1000/ Subtract a single-digit number from an initial value no greater than 1000.</p> <p>Fluently add whole numbers up to 1000/ Subtract whole numbers from an initial value no greater than 1000.</p> <p>Fluently draw lines and draw shapes with single vertical lines of symmetry. Understand the terms symmetry, symmetrical.</p> <p>Fluently Identify lines and draw shapes which have horizontal and/or vertical lines of symmetry</p>
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Links to Gatsby Benchmarks:	Benchmark 4 Links to STEM opportunities and careers involve Mathematics	Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?	Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?	Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?	Benchmark 4 Links to STEM opportunities and careers involve Mathematics	Benchmark 2 Share key employment statistics of current job market. How is the current market useful for mathematic skills?