

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

6.4E Class - **Explorer Curriculum** –Vertical tutoring.

Promote Facts (keywords)

Rehearsal of key content and recall (year 12)

Start to use reasoning (Year 13)

Apply to solve problems in a variety of situations (Year 14)

Support and guidance to build greater resilience and understanding.

Year	2022 – 2023 Autumn 1 Unit 1	2022 – 2023 Autumn 2 Unit 2	2022 – 2023 Spring 1 Unit 3	2022 – 2023 Spring 2 Unit 4	2022 – 2023 Summer 1 Unit 5	2022 – 2023 Summer 2 Unit 6
	<p>Topic:</p> <p>Calculations Addition and subtraction</p> <p>Fractions, Percentages and Decimals Year 14 & Leavers to start coursework. Time.</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you count across 10-30,</p> <p>Skills and Knowledge With some support and guidance be able to work with whole numbers. With some support and guidance count reliably up to 30 items. Order numbers up to 30.</p>	<p>Topic:</p> <p>Multiplication and division Money Proportionality Year 14 & Leavers to start coursework.</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you use some multiplication facts confidently?</p> <p>Key Skills and Knowledge:</p> <p>With some support and guidance know and use multiplication of numbers up to 2 by 5, extend to 10 times table if possible.</p> <p>With some support and guidance Solve simple proportion problems by</p>	<p>Topic:</p> <p>Measurement. Addition/Subtraction</p> <p>Shapes and Solids Year 14& levers to sit exam.</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you count up to 50? With some support and guidance can you measure with accuracy?</p> <p>Key Skills and Knowledge:</p> <p>With some support and guidance support count up to 50 Order numbers up to 50. Compare numbers up to 50 up to 100. Read whole numbers up to 50 up to 100</p>	<p>Topic:</p> <p>Multiplication and division Statistics</p> <p>Estimation and Approximation</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you use multiplication facts to solve division problems?</p> <p>Key Skills and Knowledge:</p> <p>With some support and guidance know and use multiplication of whole numbers up to 2,5 and 10 with some confidence., and use this knowledge in</p>	<p>Topic:</p> <p>Fractions, Percentages and Decimals Formulae and patterns.</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you recognize 100% equals the full amount?</p> <p>Key Skills and Knowledge:</p> <p>With some support and guidance do you understand the relationship between fraction, decimal and percentages? With some support and guidance can you convert between the three?</p>	<p>Topic:</p> <p>Number addition and subtraction. Symmetry and Transformations Shapes and Solids</p> <p>Suggested Key Questions:</p> <p>With some support and guidance can you add to add number to 100 independently?</p> <p>Key Skills and Knowledge:</p> <p>With some support and guidance be able to add and subtract whole numbers. With some support and guidance add two-digit whole numbers. Subtract two-digit whole numbers. With some support and guidance Round to the nearest 10.</p>

	<p>With some support and guidance interpret - and =.</p> <p>With some support and guidance Use related vocabulary, for example take away, minus, equals. Be able to solve everyday problems with and without a calculator</p> <p>With some support and guidance add/Subtract whole numbers from an initial value no greater than 30.</p> <p>With some support order decimals and fractions.</p>	<p>repeated addition of constituent quantities e.g. if 1 cake costs</p>	<p>Write whole numbers up to 50 up to 100.</p> <p>With some support and guidance Add/Subtract whole numbers from an initial value no greater than 100.</p> <p>With some support and guidance sort and classify shapes using language related to angles and sides e.g. straight, right angle, acute,</p> <p>With some support and guidance estimate heights, lengths and weights.</p>	<p>multiplication and division problems.</p> <p>With some support and guidance be able to extract information. State the purpose of a table or graph and the associated labels.</p> <p>With some support and guidance extract information from lists, tables, simple diagrams and bar charts</p> <p>With some support and guidance understand and use place value to order 1 significant figure integer numbers up to 100 e.g. order 70, 6, 20.</p>	<p>With some support and guidance with limited support understand that 1% is equivalent to dividing by 100.</p> <p>With some support and guidance complete a sequence increasing or decreasing by 2, 3, 5 or 10.</p>	<p>With some support and guidance recall addition and subtraction facts.</p> <p>With some support and guidance sort and classify solids using language related to angles, edges and faces e.g. straight, right angle, acute, obtuse, curved, corners, perpendicular, parallel.</p>
<p>Links to Gatsby Benchmarks:</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>	<p>Benchmark 2 & 4 Links to STEM opportunities and careers involve Mathematics.</p> <p>Are there opportunities to link to current job market trends. Can we find an opportunity to explore career opportunities with the School Café.</p> <p>Benchmark 3 Are there voluntary work opportunities.</p>