



## Explorer Curriculum – Building block to Formal Curriculum

- The building block before a fully formal curriculum.
- Strong focus on Early Literacy and Numeracy.
- Key skills and knowledge to understand the world around them.
- Functional Skills to apply basic knowledge.
- For children with moderate learning difficulties, autism and other learning needs. Learning takes place through tangible ‘real life situations’ with regular revisiting of learning.
- Students follow an Entry Level (1-3) Pathway at KS4 and KS5.

## 6.2E 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)

Mostly Independent.

Year	2021 – 2022 Autumn 1	2021 – 2022 Autumn 2	2021 – 2022 Spring 1	2021 – 2022 Spring 2	2021 – 2022 Summer 1	2021 – 2022 Summer 2
	<p><b>Topic:</b></p> <p>Calculations Addition and subtraction</p> <p>Fractions, Percentages and Decimals Year 14 &amp; Leavers to start coursework. Time.</p> <p><b>Suggested Key Questions:</b></p> <p>Can you count across 100 wit out support from any given number?</p> <p><b>Skills and Knowledge</b> Be able to work with whole numbers. Count reliably up to 100 items.</p>	<p><b>Topic:</b></p> <p>Multiplication and division Money Proportionality Year 14 &amp; Leavers to start coursework.</p> <p><b>Suggested Key Questions:</b> Can you use multiplication facts confidently?</p> <p><b>Key Skills and Knowledge:</b> Know and use multiplication of numbers up to 10 by 3, 4, 5 and 10.</p>	<p><b>Topic:</b></p> <p>Measurement. Addition/Subtraction Shapes and Solids Year 14&amp; levers to sit exam.</p> <p><b>Suggested Key Questions:</b> Can you recall your addition and subtraction facts to solve problems and apply across a range of topics? Can you use addition and subtraction facts confidently? Can you recognize property of shapes?</p>	<p><b>Topic:</b></p> <p>Multiplication and division Statistics Estimation and Approximation</p> <p><b>Suggested Key Questions:</b> Can you recall and use multiplication facts to solve division problems?</p> <p><b>Key Skills and Knowledge:</b> Know and use multiplication of whole</p>	<p><b>Topic:</b> Fractions, Percentages and Decimals Formulae and patterns.</p> <p><b>Suggested Key Questions:</b></p> <p><b>Key Skills and Knowledge:</b> Do you understand the relationship between fraction, decimal and percentages? Can you convert between the three?</p>	<p><b>Topic:</b> Number addition and subtraction. Symmetry and Transformations Shapes and Solids</p> <p><b>Suggested Key Questions:</b></p> <p><b>Key Skills and Knowledge:</b> Be able to add and subtract whole numbers. Add two-digit whole numbers. Subtract two-digit whole numbers. Round to the nearest 10. Recall addition and</p>

	<p>Order numbers up to 100.</p> <p>Interpret - and =. Use related vocabulary, for example take away, minus, equals. Be able to solve everyday problems with and without a calculator</p> <p>Add/Subtract whole numbers from an initial value no greater than 100.</p> <p>Order decimals and fractions.</p>	<p>Solve simple proportion problems by repeated addition of constituent quantities e.g. if 1 cake costs</p>	<p><b>Key Skills and Knowledge:</b></p> <p>Count up to 1000 Order numbers up to 1000. Compare numbers up to 1000. Read whole numbers up to 1000. Write whole numbers up to 1000</p> <p>Add/Subtract whole numbers from an initial value no greater than 100.</p> <p>Sort and classify shapes using language related to angles and sides e.g. straight, right angle, acute, obtuse, curved, corners, perpendicular, parallel, arc</p> <p>Estimate heights, lengths and weights of everyday objects.</p>	<p>numbers up to <math>12 \times 12</math>, and use this knowledge in multiplication and division problems.</p> <p>Be able to extract information. State the purpose of a table or graph and the associated labels. Extract information from lists, tables, simple diagrams and bar charts</p> <p>Understand and use place value to order 1 significant figure integer numbers up to 100 e.g. order 70, 6, 20.</p>	<p>Understand that 1% is equivalent to dividing by 100.</p> <p>Complete a sequence increasing or decreasing by 2, 3, 5 or 10.</p>	<p>subtraction facts to 10. 2.</p> <p>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><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>	<p><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>	<p><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>	<p><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>	<p><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>	<p><b>Benchmark 2 &amp; 4</b> <b>Links to STEM opportunities and careers involve Mathematics.</b></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><b>Benchmark 3</b> Are there voluntary work opportunities.</p>

