



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.

7E Class - Explorer Curriculum -

Promote Facts (keywords)

Rehearsal of key content.

Careful Sequenced topics.

Year	2021 – 2022 Autumn 1 Unit 1	2021 – 2022 Autumn 2 Unit 2	2021 – 2022 Spring 1 Unit 3	2021 – 2022 Spring 2 Unit 4	2021 – 2022 Summer 1 Unit 5	2021 – 2022 Summer 2 Unit 6
	<p>Topic: Whole Numbers & Calculations: Fractions, Percentages & Decimals: Units & Measures: (time)</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you start to know you're place value? Start to know addition and subtraction. Start to understand recognize your halves/quarters? Is it am or pm?</p> <p>Skills and Knowledge</p> <p>Whole Numbers & Calculations:</p>	<p>Topic: Multiples: Units & Measures: (Money) Shapes & Solids:</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you start to understand doubling?</p> <p>Can Start to understand British coins?</p> <p>Start to understand basic 2d/3d shapes properties?</p> <p>Key Skills and Knowledge:</p>	<p>Topic: Whole Numbers & Calculations: Lists & Outcomes: Units & Measures: (Height/capacity/weight)</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you start to add? Can you start to subtract? Do you need to regroup the numbers? What is tally notation and how do you use it? How do you use a ruler? What units are used to measure an object?</p>	<p>Topic: Fractions, Percentages & Decimals: Proportionality</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you shade 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>Key Skills and Knowledge:</p>	<p>Topic: Multiples: Units & Measures (angles)</p> <p>Suggested Key Questions: Promote basic facts-not overload 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: Solve one-step problems involving multiplication and division</p>	<p>Topic: Whole Numbers & Calculations: Shapes & Solids:</p> <p>Suggested Key Questions: Promote basic facts-not overload 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>Whole Numbers & Calculations: Write, order and compare whole numbers up to 100.</p>

	<p>Use appropriate objects or number line to subtract a single-digit number</p> <p>Count to and across 10, forwards and backwards,</p> <p>Given a number, identify one more and one less</p> <p>Read and write numbers from 1 to 10 in numerals and words.</p> <p>Identify and represent numbers using objects and pictorial representations</p> <p>Read and write numbers from 10 in numerals and words. Start to add to 10. Start to subtract to 10.</p> <p>Fractions, Percentages & Decimals</p> <p>Show my understanding of the word 'share' when splitting a whole object into parts.</p> <p>Communicate my understanding of the word share when splitting a whole object into parts.</p> <p>Units & Measures: (time)</p> <p>State a few significant times in my week e.g. Football on Saturday.</p>	<p>Multiples And approximations</p> <p>Understand the concept of doubling to 10. Understand odd even numbers</p> <p>Perform simple calculations where the units of quantities are whole numbers of hundreds.</p> <p>Units & Measures:</p> <p>Start to name coins to value 5p. Order coins (up to 3 coins)</p> <p>Shapes & Solids:</p> <p>I can recognise by name 2D shapes - square, rectangle, circle, triangle.</p> <p>I can name 2D shapes - square, rectangle, circle, triangle.</p>	<p>Key Skills and Knowledge:</p> <p>Whole Numbers & Calculations:</p> <p>Write, order and compare whole numbers up to 20. Know the value of each digit in a two-digit number.</p> <p>Understand vocabulary associated with numerical calculations such as multiply, times, half, divide, ×, ÷.</p> <p>Add whole numbers up to 20.</p> <p>Subtract a single-digit number from an initial value no greater than 20.</p> <p>Lists & Outcomes:</p> <p>Understand tally notation to 5.</p> <p>Units & Measures: (Height/capacity/weight)</p> <p>compare two objects directly side by side using a language of height e.g. the tall one or the short one</p>	<p>Fractions, Percentages & Decimals:</p> <p>Name and match two halves in practical activities when given halved resources and no other fractional parts.</p> <p>Recognise and name the fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ when related to length, shape, set of objects or quantity.</p> <p>Proportionality</p> <p>Solve simple proportion problems by repeated addition of constituent quantities e.g. if 1 cake costs</p>	<p>Write mathematical symbols ×, ÷, and = from verbal instruction.</p> <p>S3 Units & Measures:</p> <p>Can use the language of 'forwards', 'backwards' and 'turn' to give instructions Can recognise basic directional symbols - arrows and turns</p>	<p>Know the value of each digit in a two-digit number Know and use multiplication and division as inverse operations.</p> <p>Shapes & Solids:</p> <p>I can start to name basic properties of 2d shapes.</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>