



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.

8E 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 add/subtract to 10 independently? Do you know your all your number bonds to 10? Can you show your halves/quarters? What time would lunch be?? What does the big hand tell you? What does the little hand tell you?</p> <p>Skills and Knowledge</p>	<p>Topic: Multiples: Units & Measures: (Money) Shapes & Solids:</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Do you know your British coins?</p> <p>Key Skills and Knowledge:</p> <p>Multiples, Estimation & Approximation:</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 add/subtract to 10-20 independently? Can you start to think about inverse facts?</p> <p>Can you extract basic information from a tally chart? Can you compare heights?</p>	<p>Topic: Fractions, Percentages & Decimals: Proportionality</p> <p>Suggested Key Questions: Promote basic facts-not overload Rehearse key words</p> <p>Can you half a shape? Can you shade $\frac{1}{4}$ of a shape? How many eggs will you need to make a cake for $\frac{2}{4}$/$\frac{4}{6}$ 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? Draw right angles? Can you start to use ruler and understand the features of the ruler? What is an acute angle? What is an obtuse angle?</p> <p>Key Skills and Knowledge:</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 independently? Can you subtract across 20? What vertices/edges and sides of a 3d shape? What is symmetry?</p> <p>Key Skills and Knowledge:</p> <p>Use appropriate objects or number line to add single-</p>

	<p>Whole Numbers & Calculations:</p> <p>Start to use appropriate objects or number line to add/subtract single-digit numbers up to 20.</p> <p>Fractions, Percentages & Decimals</p> <p>Can communicate my understanding of the term half in guided practical activities e.g. cutting a pizza, folding shapes (not necessarily accurately). Start to show half, quarter and three quarters on diagrams with limited support.</p> <p>Units & Measures: (time)</p> <p>Can understand that a clock has a 'big' hand and a 'little' hand.</p>	<p>Know and use multiplication of numbers up to 10 by 2 with support. Understand and use the term 'double' with limited support.</p> <p>Start to estimate using the first 5 multiples of 2 times tables.</p> <p>Units & Measures:</p> <p>Recognise British coins in everyday use</p> <p>.</p> <p>Shapes & Solids:</p> <p>Read scales showing temperatures from zero.</p> <p>Sort and classify shapes 2d shapes</p>	<p>Key Skills and Knowledge:</p> <p>Whole Numbers & Calculations:</p> <p>Understand vocabulary associated with numerical calculations such as add, subtract, plus, minus, take-away, double.</p> <p>Use appropriate objects or number line to subtract a single digit number from a starting value no greater than 20.</p> <p>Know and use addition and subtraction as inverse operations.</p> <p>Lists & Outcomes:</p> <p>Tally objects using recognized notation.</p> <p>Extract information from a frequency table.</p> <p>D2 Averages & Trends:</p> <p>Units & Measures: (Height/capacity/weight)</p> <p>Visually compare lengths,height/weight and capacity.</p>	<p>Fractions, Percentages & Decimals:</p> <p>Order one digit decimals. Order decimals and fractions.</p> <p>Proportionality</p> <p>Solve simple proportion problems by repeated addition of constituent quantities e.g. if 1 cake costs</p>	<p>Multiples:</p> <p>Know and use multiplication of numbers up to 10 by 2 independently. Understand and use the term 'double'. Recognise the odd and even numbers from 1 to 20</p> <p>Units & Measures:</p> <p>Use a ruler and protractor to start to draw 90 degree angles.</p>	<p>digit numbers up to 20 by creating the number line independently.</p> <p>Add whole numbers up to 100/ Subtract a single-digit number from an initial value no greater than 20. No regrouping.</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>