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

7E Class - **Explorer Curriculum** -

Promote Facts (keywords)

Rehearsal of key content.

Careful Sequenced topics.

Year	2023 – 2024 Autumn 1 Unit 1	2023 – 2024 Autumn 2 Unit 2	2023 – 2024 Spring 1 Unit 3	2023 – 2024 Spring 2 Unit 4	2023 – 2024 Summer 1 Unit 5	2023 – 2024 Summer 2 Unit 6
	Place Value-Addition and subtraction. **Units & Measures: (time)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words 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? **Skills and Knowledge** **Whole Numbers & Calculations:** Use appropriate objects or number line to subtract a single-digit number Count to and across 10, forwards and backwards, Given a number, identify one more and one less	**Topic:** **Addition and subtraction.** **Multiples (Multiplication and division):** **Units & Measures: (Money)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words Can you start to understand doubling? Can Start to understand British coins? **Key Skills and Knowledge:** **Multiples And approximations** Understand the concept of doubling to 10. Understand odd even numbers Perform simple	**Topic:** **Whole Numbers & Calculations:** **Lists & Outcomes (statistics):** **Shapes and Measure** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words 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? Start to understand basic 2d/3d shapes properties? **Key Skills and Knowledge:** **Whole Numbers & Calculations:**	**Topic:** **Addition and subtraction.** **Fractions, Percentages & Decimals:** **Proportionality** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words Can you shade half a shape? Can you shade ¼ of a shape? How many eggs will you need to make a cake for 2/4/6 people? **Key Skills and Knowledge:** **Fractions, Percentages & Decimals:** Name and match two	**Topic:** **Multiples:** **Units & Measures (angles)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words **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? **Key Skills and Knowledge:** **Multiples:** Solve one-step problems involving multiplication and division Write mathematical symbols x,÷, and = from verbal instruction. **S3 Units & Measures:**	**Topic:** **Whole Numbers & Calculations: Addition and subtraction** **Shapes & Solids:** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words 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? **Key Skills and Knowledge:** **Whole Numbers & Calculations:** Write, order and compare whole numbers up to 100. Know the value of each digit in a two-digit number Know and use multiplication and division as inverse operations.

	Read and write numbers from 1 to 10 in numerals and words. Identify and represent numbers using objects and pictorial representations Read and write numbers from 10 in numerals and words. Start to add to 10. Start to subtract to 10. **Fractions, Percentages & Decimals** Show my understanding of the word 'share' when splitting a whole object into parts. Communicate my understanding of the word share when splitting a whole object into parts. **Units & Measures: (time)** State a few significant times in my week e.g. Football on Saturday.	calculations where the units of quantities are whole numbers of hundreds. . **Units & Measures:** Start to name coins to value 5p. Oder coins (up to 3 coins) **Shapes & Solids:** I can recognise by name 2D shapes - square, rectangle, circle, triangle. I can name 2D shapes - square, rectangle, circle, triangle.	Write, order and compare whole numbers up to 20. Know the value of each digit in a two-digit number. Understand vocabulary associated with numerical calculations such as multiply, times, half, divide, ×, ÷. Add whole numbers up to 20. Subtract a single-digit number from an initial value no greater than 20. **Lists & Outcomes:** Understand tally notation to 5. **Units & Measures: (Height/capacity/weight)** compare two objects directly side by side using a language of height e.g. the tall one or the short one	halves in practical activities when given halved resources and no other fractional parts. Recognise and name the fractions 1/3, ¼, 2/4 and ¾ when related to length, shape, set of objects or quantity. **Proportionality** Solve simple proportion problems by repeated addition of constituent quantities e.g. if 1 cake costs	Can use the language of 'forwards', 'backwards' and 'turn' to give instructions Can recognise basic directional symbols - arrows and turns	**Shapes & Solids:** I can start to name basic properties of 2d shapes.
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?**