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

9E 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
	Topic: **Place value-addition and subtraction.** **Units & Measures: (time)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words Can you tell the time to the hour? Can you start to solve problems with missing numbers? **Skills and Knowledge** **Whole Numbers & Calculations:** I can solve subtraction calculations with a missing number e.g. □ – 3=2 (boxes in any position) with numbers to 50.	**Topic:** **Place value-addition and subtraction.** **Units & Measures: (Money)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words How can you solve addition and subtraction word problems? Can you recognize British coins? **Key Skills and Knowledge:** **Multiples: Estimation & Approximation:** Know and use multiplication of numbers up to 10 by 5 and 10. Recognise when a two-digit number is divisible by	**Topic:** **Place value-addition and subtraction.** **Multiples: Multiplication and division** **Shapes** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words Can you start to use multiplication facts for 5 and 10 times tables? Can you solve addition/subtraction problems with missing numbers? Can you start to think about 2/d/3d shapes. **Key Skills and Knowledge:** **Whole Numbers & Calculations:**	**Topic:** **Fractions, Percentages & Decimals:** **Data and statistics** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words **Key Skills and Knowledge:** **Fractions, Percentages & Decimals:** I can match four quarters in practical activities when given halved resources and no other fractional parts. Can recognise that quarter means four equal pieces. Can solve simple problems involving ½ and ¼ using standard and non-standard	**Topic:** **Multiples:** **Units & Measures (angles)** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words What is doubling? **Key Skills and Knowledge:** **Multiples/Estimation & Approximation:** Know and use multiplication of numbers up to 10 by 3, 4, 5 and 10. Recognise when a two-digit number is divisible by 2, 3, 4, 5 and 10. **Units & Measures:** Can describe a range of 2D shapes using more	**Topic:** **Place value-addition and subtraction.** **Shapes & Solids:** **Suggested Key Questions:** **Promote basic facts-not overload** Rehearse key words **Key Skills and Knowledge:** **Whole Numbers & Calculations:** Can record simple addition and subtraction calculations from practical or pictorial representations with numbers to 50 can use my knowledge of counting in 2s to complete given addition and subtraction calculations. **Shapes & Solids:**

	Units & Measures: (time) Can show that I am aware of the passage of time, e.g. Hands moving on a clock, sand through a sand timer. Can use the comparative language related to time, e.g. Quicker/slower, earlier/later.	5 and 10. **Addition and Subtraction.** I can identify different strategies to solve addition and subtraction. **Units & Measures:** sort and name coins into 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2	Can solve addition and subtraction calculations with a missing number when operations are mixed with numbers to 50. **Lists & Outcomes:** Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables. Solve simple proportion problems using systematic analysis e.g. adapt a 2 person recipe for 1 person, 3 people, 20 people, etc. **Units & Measures: (Height/capacity/weight)** Estimate how many non-standard units of measure will be needed when measuring length, capacity and mass.	units of length. Proportionality Solve simple proportion problems using systematic analysis e.g. adapt a 2 person recipe for 1 person, 3 people, 20 people, etc.	than one property. Solve problems by sorting according to one stated property e.g. 3 corners, all of the shapes with straight sides. Draw 90 degree angles in different orientations.	I can recognise by name 2D shapes - square, triangle, rectangle, circle, pentagon and hexagon. Can name 2D shapes - square, triangle, rectangle, circle, pentagon, hexagon
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?**