8E Class **- Explorer Curriculum** -

Promote Facts (keywords)

Rehearsal of key content.

Careful Sequenced topics.

Year	2023-2024 Autumn 1	2023-2024 Autumn 2	2023-2024 Spring 1	2023-2024 Spring 2	2023-2024 Summer 1	2023-2024 Summer 2
	Topic: Place value with Addition/Subtraction **Units & Measures: (time)** **Suggested Key Questions:** Promote basic facts-not overload Rehearse key words 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? **Skills and Knowledge** **Whole Numbers & Calculations:** Start to use appropriate objects or number line to add/subtract single-digit numbers up to 20.	**Topic:** Calculations: Addition/Subtraction **Fractions, Percentages & Decimals.** **Units & Measures: (Money)** **Suggested Key Questions:** Promote basic facts-not overload Rehearse key words Do you know your British coins? **Key Skills and Knowledge:** **Multiples, Estimation & Approximation:** Know and use multiplication of numbers up to 10 by 2 with support. Understand and use the term 'double' with limited	**Topic:** Calculations: Addition/Subtraction **Multiples (multiplication and division)** **Lists & Outcomes (statistics):** **Suggested Key Questions:** Promote basic facts-not overload Rehearse key words Can you add/subtract to 10-20 independently? Can you start to think about inverse facts? Can you extract basic information from a tally chart? Can you compare heights? **Key Skills and Knowledge:** **Whole Numbers & Calculations:** Understand vocabulary	**Topic:** Calculations: Addition/Subtraction **Fractions, Percentages & Decimals:** **Proportionality** **Suggested Key Questions:** Promote basic facts-not overload Rehearse key words Can you 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:** Order one digit decimals. Order decimals and	**Topic:** **Multiples.** **Shapes** **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? 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? **Key Skills and Knowledge:** **Multiples:** Know and use multiplication of numbers up to 10 by 2	**Topic:** Time **Units & Measures: (Height/capacity/weight)** **Suggested Key Questions:** Promote basic facts-not overload Rehearse key words 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? **Key Skills and Knowledge:** Use appropriate objects or number line to add single-digit numbers up to 20 by creating the number line independently. Add whole numbers up to 100/ Subtract a single-digit number from an initial value no greater than 20. No

	Fractions, Percentages & Decimals 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. **Units & Measures: (time)** Can understand that a clock has a 'big' hand and a 'little' hand.	support. Start to estimate using the first 5 multiples of 2 times tables. **Units & Measures:** Recognise British coins in everyday use . **Shapes & Solids:** Read scales showing temperatures from zero. Sort and classify shapes 2d shapes	associated with numerical calculations such as add, subtract, plus, minus, take-away, double. Use appropriate objects or number line to subtract a single digit number from a starting value no greater than 20. Know and use addition and subtraction as inverse operations. **Lists & Outcomes:** Tally objects using recognized notation. Extract information from a frequency table. **D2 Averages & Trends:** **Units & Measures: (Height/capacity/weight)** Visually compare lengths,height/weight and capacity.	fractions. **Proportionality** Solve simple proportion problems by repeated addition of constituent quantities e.g. if 1 cake costs	independently. Understand and use the term 'double'. Recognise the odd and even numbers from 1 to 20 **Units & Measures:** Use a ruler and protractor to start to draw 90 degree angles.	regrouping.
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?**