

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

6.1N Class - Navigator Curriculum

Core mathematical facts, concepts, methods and strategies to be able to experience success when problem solving.

Promote word problems.

Apply understand to a range of topics.

Year	2022 – 2023 Autumn 1 Unit 1	2022 – 2023 Autumn 2 Unit 2	2022 – 2023 Spring 1 Unit 3	2022 – 2023 Spring 2 Unit 4	2022 – 2023 Summer 1 Unit 5	2022 – 2023 Summer 2 Unit 6
	<p>Topic: Calculation=addition and subtraction. Fractions and decimals and percentages. Measure and accuracy-Time GCSE Revision. (Teacher to select appropriate topic to meet the needs of the cohort)</p> <p>Suggested Key Questions Reinforce and apply your understanding to GCSE questions</p>	<p>Topic: Calculations/multiplication and division. Measure and accuracy-Money Working in 2d/3d. GCSE Revision (Teacher to select appropriate topic to meet the needs of the cohort)</p> <p>Multiplication of two digit numbers use grid method.</p>	<p>Topic: Algebra Data and statistics Measure and accuracy-weight/capacity/volume. GCSE Revision (Teacher to select appropriate topic to meet the needs of the cohort)</p> <p>Suggested Key Questions: Reinforce and apply your understanding to GCSE questions involving statistics?</p>	<p>Topic: Number Ratio/Probability/Sequence GCSE Revision (Teacher to select appropriate topic to meet the needs of the cohort)</p> <p>Suggested Key Questions: Promote core facts Can you tackle a word problem based on the topic. Can you apply your understanding to GCSE sequence/ratio and proportion questions?</p>	<p>Topic: Calculation Fractions and decimals and percentages. Measure and accuracy.</p> <p>Suggested Key Questions: Promote core facts Can you tackle a word problem involving fractions, percentages and decimals. Can you write fraction? Can you find equivalent fractions?</p>	<p>Topic: Angles and polygons Working in 2d/3d Measure and accuracy.</p> <p>Suggested Key Questions: Promote core facts Can you tackle a word problem involving angles and polygons? Key Skills and Knowledge: Work with shape, positional vocabulary and space</p>

	<p>involving addition and subtraction?</p> <p><u>Key Skills and Knowledge:</u></p> <p>Add and subtract whole numbers and decimals Understand vocabulary associated with numerical calculations such as sum, difference, share, total, twice, triple.</p> <p>work with fractions work with decimals percentages Know about numerical relationships</p>	<p>Division use bus stop method.</p> <p>Suggested Key Questions: Can you tackle multiplication and division word problems problems Reinforce word problems based on the topic? Can you apply you understanding to a range of GCSE questions?</p> <p>Promote core facts <u>Key Skills and Knowledge:</u></p> <p>Work with numbers Recall multiplication facts up to 10x10 and make connections with division facts Calculate with sums of money.</p>	<p>Key Skills and Knowledge:</p> <p>solve problems involving algebra</p>	<p>Can you complete calculation with independence?</p> <p>Key Skills and Knowledge:</p> <p>Use ratio notation, including reduction to simplest form</p> <p>Use ratio notation, including reduction to simplest form</p> <p>work with ratios.</p> <p>Have great confidence with the four applications of maths.</p>	<p><u>Can you simpoplify fractions?</u></p> <p>Key Skills and Knowledge:</p> <p>Have greater confidence with working with fractions/decimals/pe rcentages</p>	
<p>Links to Gatsby Benchmarks:</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p><u>Benchmark 2</u> Labour market to information. What are the current trends in the jobs market that involve maths skills athat students are learning.</p> <p><u>Benchmark 4.</u> STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>

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Develop fluency
Reason mathematically
Solve problems