## 9N Class - Navigator Curriculum

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Year	2025-2026	2025-2026	2025-2026	2025-2026	2025-2026	2025-2026
2025-2026	Topic: Calculation NPV Addition and subtraction.  Multiplication and division.  Suggested Key Questions Can you tackle a word problem based on the topic. Promote core facts. Do you understand place value? Can you calculate using the add/subtract operations? Can you use Bidmas in multi stage calculations?  Can students recognise, find and name a half as one of two equal parts of an object, shape or quantity	Addition and subtraction.  Measure and accuracy-Time  Suggested Key Questions: Can you tackle a word problem based on the topic.  Solve problems involving addition. Can you Develop fluency Reason mathematically Solve problems involving time Can you Develop fluency Reason mathematically solve problems involving time Can you Develop fluency Reason mathematically involving time	Topic:  Algebra  Data and statistics  Suggested Key Questions: Can you tackle a word problem based on the topic.  Promote core facts Can you extract data? Can you present data? Can you use symbols? Can you Develop fluency Reason mathematically Solve problems involving algebra. Can you Develop fluency Reason mathematically Solve problems involving algebra. Can you Develop fluency Reason mathematically	Topic: Number Ratio/ Probability  Fractions.  Suggested Key Questions: Promote core facts Can you tackle a word problem based on the topic.  Can you link likelihood and chance? Can you Develop fluency Reason mathematically Solve problems involving algebra. Can you Develop fluency Reason mathematically Solve problems involving algebra. Can you Develop fluency Reason mathematically Solve problems involving number.  Can you Develop fluency	Topic: Calculation. Addition and subtraction.  Sequence (nth term)  Suggested Key Questions: Promote core facts Can you tackle a word problem based on the topic.  Can you order negative numbers? What are factors and multiples? Can you order decimal numbers? What are square numbers? What is perimeter/ What is perimeter/ What is area?  Key Skills and Knowledge:	Angles and polygons Working in 2d/3d Measure and accuracy.  Suggested Key Questions: Promote core facts Can you tackle a word problem based on the topic.  Do you know what opposite angles are? Do you know about angles inside triangles? Key Skills and Knowledge:  Calculate and solve problems involving: perimeters of 2-D shapes (including circles), areas of circles and composite shapes  Identify and construct congruent triangles, and construct similar shapes by enlargement, with and without coordinate grids. Derive and use the sum of angles in a triangle and

	Can you use understanding of title, labels and simple scales? (sixth-form)  Key Skills and Knowledge:  Count backwards through zero to include negative numbers count in multiples of 6, 7, 9, 25 and 1000 identify, represent and estimate numbers using different representations  Recognise, find, name and write fractions 3 1, 4 1, 4 2 and 4 3 of a length, shape, set of objects or quantity write simple fractions for example, 2 1 of 6 = 3 and recognise the equivalence of 4 2 and 2 1.  Add fraction	Key Skills and Knowledge:  Recognise and use relationships between operations including inverse operations  Round numbers and measures to an appropriate degree of accuracy Mathematically Solve problems involving time.	Solve problems involving data and statistics. Do you know metric measure for length, mass and capacity.  Key Skills and Knowledge:  Describe, interpret and compare observed distributions of a single variable through: appropriate graphical representation involving discrete, continuous and grouped data; and appropriate measures of central tendency (mean, mode, median) and spread (range, consideration of outliers). construct and interpret appropriate tables, charts, and diagrams.  Substitute numerical values into formulae and expressions, including scientific formulae.	Reason mathematically Solve problems involving algebra. Can you Develop fluency Reason mathematically Solve problems involving ratios, probability and sequence.  Key Skills and Knowledge:  Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) round any number to the nearest 10, 100 or 1 000  Use fraction and percentages to describe a proportion.	Reinforce addiiton and subtraction  Reinforce Count backwards through zero to include negative numbers count in multiples of 6, 7, 9, 25 and 1000 identify, represent and estimate numbers using different representations  Solve problems aorung sequencing.  Understand odd and even.  Triangle numbers, square numbers, cube numbers, prime numbers.	use it to deduce the angle sum in any polygon, and to derive properties of regular polygons
Links to Gatsby Benchmarks:	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.	Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skils athat students are learning.  Benchmark 4.

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Develop fluency Reason mathematically Solve problems