

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

9n Class - Navigator Curriculum 3 hours per work. Max 6 hours per topic.

Core mathematical facts, concepts, methods and strategies

Apply understanding with greater independence.

Recall facts with confidence.

Start to highlight keywords in (2/4 mark questions).

| Year | 2022 – 2023 Autumn 1 | 2022 – 2023 Autumn 2 | 2022 – 2023 Spring 1 | 2022 – 2023 Spring 2 | 2022– 2023 Summer 1 | 2022 – 2023 Summer 2 |
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| | <p>Topic: Calculation-addition and subtraction. Fractions and decimals and percentages. Measure and accuracy-Money</p> <p>Suggested Key Questions With greater confidence and the ability to recall some facts can you solve problems involving addition and subtraction, fraction, decimal and percentages. Key Skills and Knowledge: Find 10 or 100 more or less than a given number</p> | <p>Topic: Calculations/multiplication and division. Measure and accuracy-Time Working in 2d/3d.</p> <p>Suggested Key Questions: With greater confidence and the ability to recall some facts can you solve problems involving multiplication and division.</p> <p>Key Skills and Knowledge: .</p> | <p>Topic: Algebra Data and statistics Measure and accuracy- Angles and polygons Working in 2d/3d</p> <p>Suggested Key Questions: With greater confidence and the ability to recall some facts can you solve problems involving algebra/statistics/angles and polygons?</p> <p>Key Skills and Knowledge: Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in</p> | <p>Topic: Number Ratio/Probability/Sequence</p> <p>Suggested Key Questions: With greater confidence and the ability to recall some facts can you solve problems involving ratio and proportion?</p> <p>Key Skills and Knowledge: Independently with greater confidence apply basic knowledge facts to solve problems in involving the four applications.</p> | <p>Topic: Calculation Fractions and decimals and percentages. Measure and accuracy.</p> <p>Suggested Key Questions: With even more confidence and the greater ability to recall some facts can you solve problems involving fraction, decimal and percentages?</p> <p>Key Skills and Knowledge: Recognise and use fractions as numbers: unit fractions and non-</p> | <p>Topic: Measure and accuracy. weight/capacity/volume.</p> <p>Suggested Key Questions: With greater confidence and the ability to recall some facts can you solve problems involving measure with accuracy and read scales?</p> <p>Key Skills and Knowledge: Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2-D shapes</p> |

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| | <p>in the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> | <p>in the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> | <p>in the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> | <p>in the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> | <p>in the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> | <p>the jobs market that involve maths skills that students are learning.</p> <p><u>Benchmark 4.</u></p> <p>STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p> |
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