



Navigator

Navigator Curriculum - Formal Curriculum

- A formal academic curriculum for students closer to age related expectations.
- Aspirational and challenging.
- It is typically for our children with high functioning autism or moderate learning difficulties.
- A broad and balanced secondary curriculum.
- Leads to good GCSE, Level 1 and Level 2 outcomes.
- Subjects become more specialist.

7V Class - Navigator Curriculum -

3 hours per work.
Flexibility with topic delivery.

7-9 Ks3 Build on prior knowledge.

Develop fluency with Maths

Year	2021 – 2022 Autumn 1	2021 – 2022 Autumn 2	2021 – 2022 Spring 1	2021 – 2022 Spring 2	2021 – 2022 Summer 1	2021 – 2022 Summer 2
	<p>Topic: Calculation/addition and subtraction. Fractions and decimals and percentages. Measure and accuracy-Time</p> <p>Suggested Key Questions: What do you know about place value? Do you understand place value? Can you calculate using the add/subtract operations?</p>	<p>Topic: Calculations/ multiplication and division. Measure and accuracy-Money Working in 2d/3d.</p> <p>Suggested Key Questions: Are you able to recall your 2, 5 and 10 time table facts? Can you recall your 2d/3d shapes?</p> <p>Key Skills and Knowledge: Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for</p>	<p>Topic: Algebra Data and statistics Measure and accuracy-weight/length/capacity/volume.</p> <p>Suggested Key Questions: What is data? How is data used in maths? Can you compare length/height and volume? Can you use algebraic notation?</p> <p>Key Skills and Knowledge:</p>	<p>Topic: Number /addition and subtraction Ratio/Probability/Sequence</p> <p>Suggested Key Questions: Can you tell me what is happening in this sequence? Can you extract information in worded question involving the two applications of maths?</p>	<p>Topic: Whole number calculation/ multiplication and division. Fractions and decimals and percentages. Measure and accuracy.</p> <p>Suggested Key Questions: Can you find a fraction of a given amount?</p> <p>Key Skills and Knowledge:</p>	<p>Topic: Angles and polygons Working in 2d/3d Measure and accuracy. Algebra</p> <p>Suggested Key Questions: Can you confidently use different apparatus to measure?</p> <p>Key Skills and Knowledge Apply algebraic notation to basic questions. Understand acute angles/obtuse angles.</p>

<p>Can students recognize half of an object?</p> <p>Can you write $\frac{1}{2}$ as decimal and a percentage?</p> <p>Key Skills and Knowledge:</p> <p>Can you Develop fluency Reason mathematically Solve problems involving place value count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity</p> <p>Understand doubling up to 10 Understand doubling up to 20. count in multiples of twos, fives and tens Recognise the odd and even numbers from 1 to 20.</p> <p>Convert between different units of measure (time)</p>	<p>example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres</p> <p>Count in multiples of twos, fives and tens Recognise the odd and even numbers from 1 to 20.</p> <p>Extract information from a frequency table.</p> <p>Convert between different units of measure (Money)</p>	<p>Use correct algebra notation.</p> <p>Sort and classify objects using a single criterion defined using every day language.</p> <p>Convert between different units of measure (height/weight and capacity).</p>	<p>Key Skills and Knowledge:</p> <p>Describe the sequence Triangle numbers.</p> <p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = * - 9$</p>	<p>Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity Find fraction of an amount</p>	<p>Understand triangles and quadrilaterals. Understand lines.</p>
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Links to Gatsby Benchmarks:	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>	<p>Benchmark 2 Labour market to information. What are the current trends in the jobs market that involve maths skills that students are learning and may require.</p> <p>Benchmark 4. STEM opportunities-linking career opportunities and what aspects of mathematics they are learning.</p>