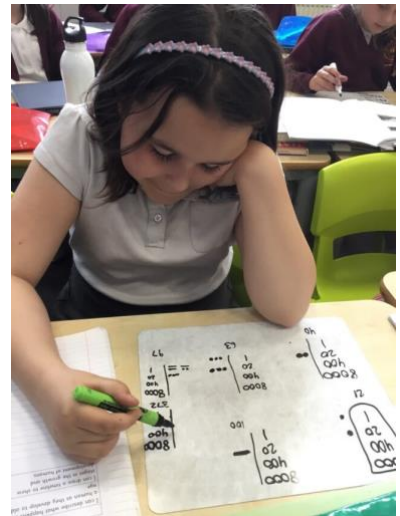




Achieving Success Together

Curriculum Overview: Mathematics



School Vision:

Our Teachers... are creative, engaging and adventurous, offering an excellent curriculum that challenges and inspires to ensure every child is **ACHIEVING**.

Our Children... learn resilience and are happy, confident and independent learners who thrive on celebrating their **SUCCESS**.

Our School...is a safe and nurturing environment, where everyone works **TOGETHER** to role model our core values of respect, trust and honesty.

Intent:

Browick Road Primary and Nursery School recognises that maths is both a key skill within school, and a life skill to be utilised through everyday experiences. A high-quality maths education provides a firm foundation for understanding how maths is used in everyday life and activities, developing pupils' ability to reason mathematically.

Through the teaching of maths, we aim to develop:

- A positive attitude towards maths and an awareness of the relevance of maths in the real world.
- A process of enquiry and experiment.
- An ability to solve problems and think logically in order to work systematically and accurately.
- An ability to work both independently and in cooperation with others.
- Competence and confidence in pupils' maths knowledge, concepts and skills.
- An appreciation of the creative aspects of maths and an awareness of its aesthetic appeal.

Enrichment:

- Maths Cafés
- Puzzle Workshops
- Maths Club
- Sumdog Competitions

Implementation:

Overview			
Year group	Autumn Blocks	Spring Blocks	Summer Blocks
<u>Reception</u>	<p>Number: Match & Sort Compare amounts to 5 Represent numbers to 5 Composition of 1,2,3 One more & less</p> <p>Measure, Shape and Spatial Thinking: Positional language Compare size, mass & capacity Explore pattern Circles & Triangles Shapes with 4 sides Time</p>	<p>Number: Introduce zero Compare Numbers to 10 Composition of 4, 5, 6, 7, 8, 9 & 10 Make pairs Combine 2 groups Bonds to 10</p> <p>Measure, Shape and Spatial Thinking: Compare mass/capacity Length & Height Time 3d shape; Pattern</p>	<p>Number: Build numbers beyond 10 Count patterns beyond 10 Add more; Take away Doubling, Sharing and Grouping Even and Odd Patterns and Relationships</p> <p>Spatial Reasoning: Match, Rotate, Manipulate Visualise and Build Mapping</p>
<u>Year 1</u>	<p>Number: Place Value (within 10) Number: Addition & Subtraction (within 10) Geometry (Shape) Number: Place Value (within 20)</p>	<p>Number: Addition & Subtraction (within 20) Number: Place Value (within 50) Measurement: Length & Height Measurement: Weight & Volume</p>	<p>Number: Multiplication & Division Number: Fractions Geometry: Position & Direction Number: Place Value (within 100) Measurement: Money Measurement: Time</p>
<u>Year 2</u>	<p>Number: Place Value Number: Addition & Subtraction Measurement: Money Number: Multiplication & Division</p>	<p>Number: Multiplication & Division Statistics Geometry: Properties of Shape Number: Fractions</p>	<p>Measurement: Length & Height Geometry: Position & Direction Measurement: Time Measurement: Mass, Capacity & Temperature</p>
<u>Year 3</u>	<p>Number: Place Value Number: Addition & Subtraction Number: Multiplication & Division</p>	<p>Number: Multiplication & Division Measurement: Money Statistics Measurement: Length & Perimeter Number: Fractions</p>	<p>Number: Fractions Measurement: Time Geometry: Properties of Shape Measurement: Mass & Capacity</p>
<u>Year 4</u>	<p>Number: Place Value Number: Addition & Subtraction Measurement: Length & Perimeter Number: Multiplication & Division</p>	<p>Number: Multiplication & Division Measurement: Area Number: Fractions Number: Decimals</p>	<p>Number: Decimals Measurement: Money Measurement: Time Statistics Geometry: Properties of Shape; Position & Direction</p>
<u>Year 5</u>	<p>Number: Place Value Number: Addition & Subtraction; Multiplication & Division Measurement: Perimeter & Area</p>	<p>Number: Multiplication & Division Number: Fractions Number: Decimals & Percentages</p>	<p>Number: Decimals Geometry: Properties of Shape Position & Direction Measurement: Converting Units; Volume</p>
<u>Year 6</u>	<p>Number: Place Value Number: Addition, Subtraction, Multiplication & Division Number: Fractions Geometry: Position & Direction</p>	<p>Number: Decimals Number: Percentages Number: Algebra Measurement: Converting Units Measurement: Perimeter, Area & Volume Number: Ratio</p>	<p>Statistics Geometry: Properties of Shape</p>