



Maths Class Curriculum Plan Whole School 2021 – 2022

INTENT Using the National Curriculum objectives, our aim is to design a mathematical curriculum which is accessible to all and ensures that all children make progress. Lessons delivered are creative, engaging and use practical resources to ensure children have a secure understanding of Mathematics on which they can make progress as they move through the school. Not only do we want children to have secure mathematical foundations, we want pupils to have greater resilience and a positive attitude to Maths. We intend for pupils to develop their fluency, reasoning and problem solving skills within every lesson so that they can have competent subject knowledge which enables them to have confidence when attempting more challenging problems in varying contexts. We intend for our children to make mathematical links with the wider world and see Maths as an important aspect of their future. We want them to know that it is essential to everyday life, critical to science, technology and engineering and necessary for financial literacy. As pupils move through the school, we want to harness their curiosity and enjoyment of Maths and give them the tools to appreciate the subject.

Please see our detailed year by year progression documents to support this curriculum plan.

Autumn 1

Autumn 2

Spring 1

Spring 2

Summer 1

Summer 2

EYFS In the Early Years, our children will develop a strong grounding in number so that all children develop the necessary building blocks to excel mathematically. Children will be taught to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers. By providing frequent and varied opportunities to build and apply this understanding, children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built. Our curriculum includes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. The children will have opportunities to develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, 'have a go', talk to adults and peers about what they notice and not be afraid to make mistakes. Please refer to our detailed EYFS long term plan for more details.

Year 1

Numbers to 10
Number Bonds
Addition within 10
Subtraction within 10

Positions
Numbers to 20
Addition and Subtraction
within 20

Shapes and Patterns
Length and Height
Numbers to 40

Addition and
Subtraction Word
Problems
Multiplication

Division
Fractions
Numbers to 100
Time

Time
Money
Volume and Capacity
Mass
Space

Year 2

Numbers to 100
Addition
Subtraction

Multiplication of 2,5 and 10
Division between 2,5 and 10

Length
Mass
Temperature
Picture Graphs

Word Problems
Money
2D shapes

2D shapes
3D shapes
Fractions

Fractions
Time
Volume



Year 3 / 4	Numbers to 1000 Addition and Subtraction	Multiplication Division Further multiplication and division Length	Mass Volume Money	Money Time Picture Graphs and Bar graphs	Fractions Decimals Angles	Lines and Shapes Perimeter of Figures
Year 4 / 5	Numbers to 10,000 and 100,000 Addition and subtraction within 10,000 and 100,000	Multiplication Division	Further Multiplication and Division Graphs	Fractions (Y4) Time (Y5) Decimals	(Y4) Decimals Money Mass, Volume and Length (Y5) Percentages Geometry Position and movement	(Y4) Area of figures Geometry Position and movement Roman numerals (Y5) Measurements Area and Perimeter Volume
Year 5 / 6	Place value Mental/written strategies - all operations	Fractions Y5 Number Fractions Y6 Number Ratio	Number: Decimals and Percentage Y5 Number Decimals Y6 Number Algebra Measure: Converting Units	Measure: Perimeter/Area/volume Ratio Properties of shape Position and direction Statistics	Review/consolidate for SATs. Develop and extend/ Problem solving activities	Four operations review- Large scale application to problems/investigations Class needs- consolidation