Mathematics Curriculum Framework – Following White Rose Maths

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Children will rote count to 5. Children will sort by colour, size and object. Children will identify patterns around them such as stripes on clothes.	Children will subitise to 3. Children will compare big and small. Children will identify simple 2D shapes- circle, square and triangle. Children will make an AB repeating pattern.	Children will count with 1:1 correspondence to 5. Children will show 'finger numbers' up to 5. Children will be able to compare quantities using language- more than/fewer Children will use shape vocabulary e.g. round Children will use length vocabulary Children will sequence events using first, then and after.	Children will count in correspondence to 5, knowing that the total is 5. Children will rote count to 10. Children will experiment with their own symbols and marks as well as numbers. Children will use positional language Children will talk about and explore 3D shapes. Children will use language to describe weight	Children will count with 1:1 correspondence to 10. Children will link numerals and amounts. Children will use language for capacity including full and empty. Children will combine shapes to make new ones. Children will solve real world mathematical problems with numbers up to 5.	Children will count and recognise numbers 1, 2 and 3. Children will solve real world mathematical problems with numbers up to 5. Children will notice and correct an error in a repeating pattern. Children will discuss routes and locations using words such as 'in front of' and 'behind'. Describe a familiar route.
Reception	Children will represent, compose and compare numbers to 3. Children will match and sort. Children will compare amounts, size, mass and capacity. Children will make AB patterns. Time	Children will represent, compose and compare numbers to 5. Children will identify and describe circles, triangles, squares and rectangles. Children will use positional language including under, over, around and through. Children will identify one more and one less within 5.	Children will know the number bonds to 4. Children will identify 0. Children will represent, compose and compare numbers to 8. Children will compare mass and capacity. Children will make pairs. Time	Children will know the number bonds to 5. Children will compare numbers to 10 Children will combine 2 groups. Children will explore length, height and time. Children will identify a cube, sphere, cylinder and cone. Children will make ABB/AAB repeated patterns.	Children will know 5+5=10, 0+10+10. Children will count forwards and backwards within 10. Children will build and identify numbers to 20. Children will add more and take away within 20. Children will match patterns using tangrams and shapes.	Children will double within 10. Children will equally share into two groups. Children will identify even and odd numbers up to 10. Children will verbally count beyond 20.

Year1	Place value within 10 Addition and subtraction within 10 Geometry – shape	Place value within 20 Addition and subtraction within 20 Place value within 50 Measurement – length and height Measurement – weight and volume	Multiplication and Division Fractions Geometry – Position and Direction Place value within 100 Measurement – Money Measurement – Time
Year 2	Place value within 100 using 2 digit numbers Addition and subtraction Geometry – Properties of shapes	Measurement – Money Multiplication and Division Measurement – Length and Height Measurement – Mass, capacity and temperature	Fractions Measurement – Time Statistics Geometry – Position and Direction
Year 3	Place value using 3 and 4 digit numbers Addition and subtraction Multiplication and Division	Multiplication and Division Measurement – Length and perimeter Fractions Measurement – Mass and Capacity	Fractions Measurement – Money Measurement – Time Geometry – Properties of shapes Statistics
Year 4	Place value using 4 and 5 digit numbers Addition and Subtraction Measurement – Area Multiplication and Division	Multiplication and Division Measurement – length and perimeter Fractions Decimals	Decimals Measurement – Money Measurement – Time Geometry – Properties of shapes Statistics Geometry – Position and Direction
Year 5	Place value using 5 digits Addition and Subtraction Multiplication and Division Fractions	Multiplication and Division Fractions Decimals and Percentages Measurement – Perimeter and area Statistics	Geometry – Properties of Shape Geometry – Position and direction Decimals Negative Numbers Measurement – Converting units Measurement - Volume
Year 6	Place Value up to and including 6 digits Addition, Subtraction, Multiplication and Division Fractions A Fractions B Measurement – Converting Measures	Ratio Algebra Decimals Fractions, Decimals and Percentages Measurement – Perimeter, area and volume Statistics	Geometry – Properties of shape Geometry – Position and Direction Consolidation and themed projects