Shirley Manor Primary Academy Mathematics Curriculum Overview



Independent Learning Aspirations Fresh Experiences Autumn Spring Summer 4 and 5 Nursery Getting to know you – what age are you? How many? Just Like Me 1,2 and 3 Manipulate, compose and decompose Light and Dark 2D shapes Make connections Patterns Alive in 5 To 20 and beyond Reception Match, sort and compare Talk about measure and patterns Mass and capacity How many now It's me – 1, 2, 3! Growing 6 and 7 Manipulate, compose and decompose **Circles and Triangles** Length, height and time Sharing and grouping 1, 2, 3, 4 and 5. Building 9 and 10 Visulaise, build and map Shapes with 4 sides 3D shapes Make connections 2D and 3D shape Place Value within 20 and then within 50 Place Value to 100 Year 1 Place Value to 10 Addition and Subtraction within 20 Length and Height (Science) Addition and Subtraction within 10 Mass and Volume (Science) Multiplication and Division **Position and Direction** Fractions Money Time Year 2 2D and 3D shape Length and Height Money Place Value within 100 Multiplication and Division Mass, Capacity and Temperature Addition and Subtraction Time Fractions Statistics Position and Direction

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ndependent Learning		Aspirations	esh Experiences
Year 3	Shape Place Value Addition and Subtraction	Multiplication and Division Length and Perimeter Money Fractions	Mass and Capacity (Science, DT) Fractions Time Statistics (Science and computing)
Year 4	Shape Place Value Addition and Subtraction Multiplication and Division	Multiplication and Division Length and Perimeter Area Fractions	Decimals Money Time Statistics (Computing – data handling) Position and Direction
Year 5	Properties of Shape Place Value Addition and Subtraction Multiplication and Division	Multiplication and Division Fractions Decimals and Percentages	Area and Perimeter Position and Direction Negative Numbers Decimals Converting Units Volume
Year 6	Properties of Shape Position and Direction Place Value Four Operations Converting Units	Fractions Ratio Fractions, Decimals and Percentage Perimeter, Area and Volume Statistics	Algebra Decimals