




Responsible
Respectful
Ready

Great Alne Primary School – Reception, Year 1 and 2



Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths 	<p>KS1 Place Value (within 20) Step 1 Count objects within 10 Step 2 Represent numbers to 10 Step 3 Count on and back within 20 Step 4 Understand 10 Step 5 Understand 11 to 15 Step 6 Understand 16 to 20 Step 7 1 more Step 8 1 less Step 9 Number lines Step 10 Estimate on a number line Step 11 Less than, greater than, equal to Step 12 Compare numbers Step 13 Order numbers</p> <p>Addition and Subtraction Step 1 Parts and wholes Step 2 Systematic number bonds within 10 Step 3 Number bonds to 10 Step 4 Number bonds to 20 Step 5 Addition – add together Step 6 Addition – add more</p>	<p>KS1 Place value (within 100) Step 11 Compare any two numbers Step 12 Order objects and numbers</p> <p>Shape Step 1 Recognise and name 2-D and 3-D shapes Step 2 Count sides on 2-D shapes Step 3 Count vertices on 2-D shapes Step 4 Draw 2-D shapes Step 5 Vertical lines of symmetry Step 6 Count faces on 3-D shapes Step 7 Count edges on 3-D shapes Step 8 Count vertices on 3-D shapes Step 9 Sort 2-D and 3-D shapes Step 10 Patterns with 2-D and 3-D shapes</p> <p>Consolidation</p> <p>EYFS It's me 1,2,3 Circles and Triangles</p>	<p>KS1 Addition and subtraction (within 100) Step 1 Related facts Step 2 Add and subtract 1s Step 3 Add to the next 10 Step 4 Add to a 10 Step 5 Add across a 10 Step 6 Subtract to a 10 Step 7 Subtract from a 10 Step 8 Subtract across a 10 Step 9 Add 10s Step 10 Subtract 10s Step 11 Add two 2-digit numbers – not across a 10 Step 12 Add two 2-digit numbers – across a 10 Step 13 Subtract two 2-digit numbers – not across a 10 Step 14 Subtract two 2-digit numbers – across a 10 Step 15 Mixed addition and subtraction Step 16 Compare Calculations Step 17 Missing number problems</p>	<p>KS1 Multiplication and division Step 9 Make equal groups – grouping Step 10 Make equal groups – sharing Step 11 The 2 times-table Step 12 Divide by 2 Step 13 Doubling and halving Step 14 Odd and even numbers Step 15 The 10 times-table Step 16 Divide by 10 Length and height</p> <p>Statistics Step 1 Tally charts Step 2 Tables Step 3 Block diagrams Step 4 Draw pictograms Step 5 Interpret pictograms</p> <p>Money Step 1 Recognise coins and notes Step 2 Count money – pence Step 3 Count money – pounds (notes and coins) Step 4 Count money – pounds and pence Step 5 Choose notes and coins</p>	<p>KS1 Fractions Step 6 Find a quarter Step 7 Recognise a third Step 8 Find a third Step 9 Find the whole Step 10 Unit fractions Step 11 Non-unit fractions Step 12 Recognise the equivalence of a half and two-quarters Step 13 Recognise three-quarters Step 14 Find three-quarters Step 15 Count in fractions up to a whole</p> <p>Time Step 1 Months and days Step 2 Hours, minutes and seconds Step 3 O'clock and half past Step 4 Quarter past Step 5 Tell time past the Hour Step 6 Quarter to Step 7 Tell time to the hour Step 8 Tell the time to 5 minutes Step 9 Minutes in an hour Step 10 Hours in a day</p>	<p>KS1 Time Step 6 Quarter to Step 7 Tell time to the hour Step 8 Tell the time to 5 minutes Step 9 Minutes in an hour Step 10 Hours in a day Step 11 Time problems</p> <p>Mass, capacity and temperature Step 1 Compare mass Step 2 Measure in grams Step 3 Measure in kilograms Step 4 Four operations with mass Step 5 Compare volume and capacity Step 6 Measure in millilitres Step 7 Measure in litres Step 8 Four operations with volume and capacity Step 9 Temperature</p> <p>Position and direction Step 1 Language of position Step 2 Describe movement Step 3 Describe turns Step 4 Describe movement and turns</p>



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	<p>Step 7 Doubles Step 8 Near doubles Step 9 Add three 1-digit numbers Step 10 Find a part Step 11 Fact families – the eight facts Step 12 Take away (how many left?) Step 13 Find the difference Step 14 Missing number problems</p> <p>Place Value (within 100) Step 1 Count beyond 20 Step 2 Count tens Step 3 Groups of tens and ones Step 4 Partition into tens and ones Step 5 Use a place value chart Step 6 Flexible partitioning Step 7 Number lines Step 8 Estimate on a number line Step 9 1 more and 1 less Step 10 Compare numbers with the same number of tens</p> <p>EYFS Match, sort and compare Talk about measure and patterns</p>	<p>1,2,3,4,5 Shape with 4 sides</p>	<p>Multiplication and division Step 1 Count in 2s, 5s and 10s Step 2 Count in 3s Step 3 Recognise equal groups Step 4 Make equal groups Step 5 Add equal groups Step 6 Make arrays Step 7 Multiplication sentences Step 8 Commutativity</p> <p>EYFS Alive in 5 Make and capacity Growing 6,7,8 Length, height and time</p>	<p>Step 6 Compare amounts of money Step 7 Calculate with money Step 8 Make a pound Step 9 Find change</p> <p>Fractions Step 1 Parts and whole Step 2 Equal and unequal parts Step 3 Recognise a half Step 4 Find a half Step 5 Recognise a quarter</p> <p>EYFS Building 9 and 10 Explore 3-D shapes</p> <p>Work backwards</p>	<p>EYFS To 20 and beyond How many now? Manipulate, compose and decompose</p>	<p>Consolidation EYFS Sharing and grouping Visualise, build and map Consolidation</p>
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Mathematics

Continuous Provision across the year to revisit and retrieve previous learning.

Enrichment: experience and explore different strategies to learn mathematics concepts in an interactive fun manner and understand abstract concepts better through games and outdoor learning.