

Skills progression in Maths (EYFS - Year 2)

Year Group	Autumn 1	Autumn 2	Spring	Spring 2	Summer 1	Summer 2
Skills	<p>At Yeading Infant and Nursery school we encourage children to enjoy Maths from an early age. It is our aim to provide a learning atmosphere which gives children the opportunity and confidence to discuss, investigate and achieve Maths Mastery.</p> <p>During the teaching of Maths, learning is focused on specific objectives. There is a balance of practical and written activities to develop and consolidate areas of learning and enable every child to reach their full potential and prepare them for life.</p>					
<p><u>Number Early Learning Goal</u> Children will be able to:</p> <ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number • Subitise (recognise quantities without counting) up to 5 • Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. <p><u>Numerical Patterns Early Learning Goal</u> Children will be able to:</p> <ul style="list-style-type: none"> • Verbally count beyond 20, recognising the pattern of the counting system • Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity <p>Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</p>						
EYFS	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Match, sort and compare amounts • Compare size, mass and capacity • Explore patterns • Represent, compose and compare 1,2,3 	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Identifying circles and triangles • Using positional language • Representing numbers to 5 • Finding one more and one less to 5 	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Introducing zero • Comparing number to 5. • Composition of 4 & 5 • Compare mass and capacity • Combining 2 groups 	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Making pairs • Composition of 6,7,8,9 and 10 • Comparing numbers to 10 • Recall Number bonds to 10 • Explore length and height 	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Count beyond 10 • Identify rotated shapes • Add 1 more • Take away, 1 less • Compose and decompose numbers up to 10 	<p><u>In Nursery, children will be able to:</u></p> <ul style="list-style-type: none"> • Begin to identify some even and odd numbers • Share equal amounts • Begin to double numbers
	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Compose each number up to 10 • Recognise quantity • Match numeral to quantity • Subitise quantities up to 5 • Recall double facts • Use positional language 	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Recall number bonds to 5 • Know names of 2D • Know names 3D shapes • Sort 2D and 3D shapes 	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Verbally count beyond 20 • Recall number families up to 5 • Recall double facts 	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Recall number bonds 10 • Explore length • Explore height • Find one less • Find one more 	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Compare quantities up to 10 • Recognise odd numbers • Recognise even numbers • Explore money 	<p><u>In Reception, children will be able to:</u></p> <ul style="list-style-type: none"> • Share equal amounts of quantities • Compare quantities using greater than, less than or the same as • Explore weight • Explore Capacity

National Curriculum: Key stage 1

Y1	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
	<p>Place Value (within 10)</p> <ul style="list-style-type: none"> • Sorting, counting & representing objects • Counting forwards/backwards/one more/one less • 1:1 correspondence • Compare objects/numbers • Order objects numbers • Ordinal numbers <p>Addition & Subtraction (within 10)</p> <ul style="list-style-type: none"> • Part-whole model • Fact families-addition facts • Systematic methods for number bonds within 10 • Subtraction (finding a part/counting back/finding the difference) • Comparing addition and subtraction statements 	<p>Shape</p> <ul style="list-style-type: none"> • Recognise and name 2D and 3D shapes • Sort shapes • Make patterns with shapes <p>Place Value (within 20)</p> <ul style="list-style-type: none"> • Count forwards and backwards and write numbers to 20 in numerals and words. • Tens and ones • One more /one less • Compare and order objects/ numbers 	<p>Addition and subtraction (within 20)</p> <ul style="list-style-type: none"> • Add ones using number bonds • Find and make number bonds • Add by making 10 • Subtraction (by crossing 10) <p>Place Value (within 50)</p> <ul style="list-style-type: none"> • Count forwards and backwards and write numbers to 50 in numerals and words. • Compare and order objects/ numbers • Count in 2s, 5s,10s 	<p>Place Value (within 100)</p> <ul style="list-style-type: none"> • Count forwards and backwards • Compare numbers • Use 100 square • Partition numbers • One more /one less <p>Position and direction</p> <ul style="list-style-type: none"> • Describe position • Describe turns <p>Time</p> <ul style="list-style-type: none"> • Tell time to the hour • Tell time to the half hour • Write time • Compare time 	<p>Multiplication and division</p> <ul style="list-style-type: none"> • Make and add equal groups • Make arrays • Make doubles • Grouping • Sharing <p>Fractions</p> <ul style="list-style-type: none"> • Making half/whole • Finding a half • Finding a quarter <p>Money</p> <ul style="list-style-type: none"> • Recognizing coins and notes • Counting in coins 	<p>Length and height</p> <ul style="list-style-type: none"> • Compare lengths and heights • Measuring with non-standard units • Using a ruler <p>Weight and volume</p> <ul style="list-style-type: none"> • Measure and compare mass • Measure and compare capacity

Y2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<p>Place Value (within 100)</p> <ul style="list-style-type: none"> • Sorting, counting & representing objects • Counting forwards/backwards/one more/one less • 1:1 correspondence • Compare objects/numbers • Order objects numbers • Ordinal numbers • Partition numbers • To estimate numbers on a number line • To write numbers to 100 in words • Count in 2s, 5s, 10s and 3s <p>Addition & Subtraction (within 20)</p> <ul style="list-style-type: none"> • Part-whole model • Fact families-addition facts • Systematic methods for number bonds within 10/20 	<p>Shape</p> <ul style="list-style-type: none"> • Recognise and name 2D and 3D shapes • Sort shapes • Lines of symmetry • To draw 2D shapes/ a whole • Patterns with 2D/3D shapes <p>Addition & Subtraction (within 100)</p> <ul style="list-style-type: none"> • Number bonds to 10/20/100 • Related number facts • Add and subtract 1s • To add by making 10 • Add three 1-digit numbers • Add to the next 10 • Add across a 10 • Subtract across 10 • Subtract from 10 • Subtract a 1-digit number from a 2-digit number across 10 • To find 10 more/10 less • To add and subtract 10s 	<p>Addition & Subtraction (within 100)</p> <ul style="list-style-type: none"> • To add two 2-digit numbers (not across a 10/across a 10) • To subtract two 2-digit numbers (not across a 10/across a 10) • Mixed addition and subtraction • Compare number sentences <p>Multiplication and division</p> <ul style="list-style-type: none"> • Make and add equal groups • Make arrays • Make doubles • Times tables (x2, x5, x10) • Grouping • Sharing <p>Fractions</p> <ul style="list-style-type: none"> • Making half/whole • Finding a half • Finding a quarter • Finding a third • To find three quarters • Equivalence of one half and two quarters 	<p>Time</p> <ul style="list-style-type: none"> • Order of days, weeks and months in a year • Tell time to the hour • Tell time to the half hour • To tell and write quarter past and quarter to • Write time • Compare time • To tell time to the nearest 5 min • To sequence intervals of time <p>Statistics</p> <ul style="list-style-type: none"> • Tally charts • To draw and interpret pictograms • To interpret block diagrams <p>Money</p> <ul style="list-style-type: none"> • Compare amounts of money • Calculate with money • Find change • Two steps word problems <p>Length and height</p> <ul style="list-style-type: none"> • Compare lengths and heights • Measuring with non-standard units • Using a ruler 	<p>Weight and mass</p> <ul style="list-style-type: none"> • Measure and compare mass • Measure mass in grams/kilograms <p>Capacity and volume</p> <ul style="list-style-type: none"> • To identify capacity and volume • To measure capacity in ml/l <p>Temperature</p> <ul style="list-style-type: none"> • To read and write temperature <p>Position and direction</p> <ul style="list-style-type: none"> • Describe position • Describe turns • Movement and turns 	<p>CONSOLIDATION</p> <p>Geometry</p> <ul style="list-style-type: none"> • Symmetry • Patterns <p>Reasoning and problem solving (4 operations)</p>



