

Lydgate Infant School makes use of the White Rose Maths Hub Materials.

Maths Curriculum Progression Map



	Autumn 1	Autumn 2	Spring 1 and Spring 2	Summer 1	Summer 2
F2	<p><u>Baseline assessment</u></p> <p><u>Getting to know you</u> Opportunities for settling in, introducing the areas of provision and getting to know the children.</p> <ul style="list-style-type: none"> • Key times of day • Class routines • Exploring continuous provision inside and out • Where do things belong? • Positional language <p><u>Phase 1 Just like me</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Match • Sort • Measure • Compare amounts • Compare size, mass and capacity <p><u>Pattern</u></p> <ul style="list-style-type: none"> • Make simple patterns <p><u>Phase 2 – It's me 1, 2, 3</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Representing 1, 2, 3 • Comparing 1, 2, 3 • Composition of 1, 2, 3 <p><u>Shape</u></p> <ul style="list-style-type: none"> • Circles and triangles 	<p><u>Phase 3 – Light and Dark</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Four • Five • One more one less <p><u>Shape</u></p> <ul style="list-style-type: none"> • Shapes with 4 sides <p><u>Measurement</u></p> <ul style="list-style-type: none"> • Time - Night and Day <p><u>Phase 4 - Alive in 5</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Introducing zero • Comparing numbers to 5 • Composition of 4 and 5 <p><u>Measurement</u></p> <ul style="list-style-type: none"> • Compare mass (2) • Compare capacity (2) <p><u>Phase 5 - Growing 6, 7, 8</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • 6, 7 and 8 • Making pairs • Combining two groups <p><u>Measurement</u></p> <ul style="list-style-type: none"> • Length and height 	<p><u>Phase 6 - Building 9 and 10</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • 9 and 10 • Comparing numbers to 10 • Bonds to 10 <p><u>Shape and spatial thinking</u></p> <ul style="list-style-type: none"> • 3D shape • Pattern (2) <p><u>Phase 7- To 20 and Beyond!</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Consolidating key skills • Building numbers beyond 10 • Counting patterns beyond 10 <p><u>Spatial reasoning (1)</u></p> <ul style="list-style-type: none"> • Match • Rotate • Manipulate <p><u>Phase 8 - First, then, now</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Adding more • Taking away <p><u>Spatial reasoning (2)</u></p> <ul style="list-style-type: none"> • Compose and decompose 	<p><u>Phase 9 - Find my pattern</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Doubling • Sharing and grouping • Even and odd <p><u>Spatial reasoning (3)</u></p> <ul style="list-style-type: none"> • Visualise and build 	<p><u>Phase 10 - On the move</u></p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Deepening understanding • Patterns and relationships <p><u>Spatial reasoning (4)</u></p> <ul style="list-style-type: none"> • Mapping

	Spatial thinking	• Time				
	• Spatial awareness					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y1	<p>Number and Place Value (within 10)</p> <ul style="list-style-type: none"> Sort objects Count objects Represent objects Count, read and write forwards from any number 0 – 10 Count read and write backwards from any number 0 – 10 Count one more Count one less One to one correspondence to start to compare groups Compare groups using language such as more/greater, less, fewer Introduce <, > and = symbols Compare numbers Order groups of objects Order numbers Ordinal numbers (1st, 2nd, 3rd...) The number line <p>Addition and subtraction (within 10) (Addition)</p> <ul style="list-style-type: none"> Part-whole model Addition symbol Fact families - addition facts Find number bonds to 10 Systematic methods for number bonds within 10 Number bonds to 10 Compare number bonds Addition - adding together Addition - adding more 	<p>Addition and Subtraction within 10 – continued (Subtraction)</p> <ul style="list-style-type: none"> Subtraction – taking away, how many left? Crossing out. Subtraction – taking away, how many left? Introducing the subtraction symbol. Subtraction – finding a part, breaking apart Fact families Subtraction – counting back Subtraction – finding the difference Comparing addition and subtraction statements a + b > c Comparing addition and subtraction statements a + b > c + d <p>Geometry – shape</p> <ul style="list-style-type: none"> Recognise and name 3d shapes Sort 3d shapes Recognise and name 2d shapes Sort 2d shapes Patterns with 3d and 2d shapes <p>Number: Place value (within 20)</p> <ul style="list-style-type: none"> Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 to 20 Tens and ones 	<p>Number: Addition and Subtraction (within 20)</p> <ul style="list-style-type: none"> Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Add by making 10 Subtraction – not crossing tens Subtraction – not crossing ten counting back Subtraction – crossing 10 Related facts Compare number sentences Mini – assessment <p>Number and Place Value within 50</p> <ul style="list-style-type: none"> Counting to 50 by making 10s Numbers to 50 Tens and ones Represent numbers to 50 One more one less Compare objects within 50 Compare numbers within 50 Order numbers within 50. Count in twos Count in fives 	<p>Measurement (length and height)</p> <ul style="list-style-type: none"> Compare lengths Compare heights Compare lengths and heights Measure lengths using non-standard units Measure length Adding length problems Subtracting length problems Mini assessment <p>Measurement (weight and mass)</p> <ul style="list-style-type: none"> Introducing weight and mass. Measure mass Compare mass Weight and mass problems <p>Measurement (capacity and Volume)</p> <ul style="list-style-type: none"> Introduce capacity and volume Measure capacity Compare capacity Mini assessment 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> Count in 10s Make equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups – sharing Mini assessment <p>Fractions</p> <ul style="list-style-type: none"> Make a half Make a whole Find half Find half of a quantity Make a quarter Find a quarter Find a quarter of a quantity Mini assessment <p>Geometry (Position and Direction)</p> <ul style="list-style-type: none"> Describe turns Describe position Mini -assessment 	<p>Number and Place Value (Numbers to 100)</p> <ul style="list-style-type: none"> Counting to 100 by making 10s Counting to 100 Counting forwards and backwards within 100 Introducing the 100 square Partitioning numbers Comparing numbers Ordering numbers One more, one less Mini assessment <p>Money</p> <ul style="list-style-type: none"> Recognising coins Recognising notes Counting in coins Counting in notes Mini assessment <p>Time</p> <ul style="list-style-type: none"> Before and after Dates Time to the hour Time to the half hour Writing time Comparing time Mini assessment

	<ul style="list-style-type: none"> Finding a part 	<ul style="list-style-type: none"> Count one more and one less Compare groups of objects Compare numbers Order groups of objects Order numbers. 				
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y2	<p>Place Value</p> <ul style="list-style-type: none"> Recap counting forwards and backwards within 20 Recap Tens and ones within 20 Recap counting forwards and backwards within 50 (numbers to 50) Recap tens and ones within 50 Recap compare numbers within 50 Count objects to 100 and read and write numbers in numerals and words Represent numbers to 100 Tens and ones with a part-whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers Order objects and numbers Recap Count in 2s Recap Count in 5s Recap Count in 10s Count in 3s <p>Addition and Subtraction</p> <ul style="list-style-type: none"> Fact families - addition and subtraction bonds to 20 Check calculations 	<p>Addition and Subtraction continued</p> <ul style="list-style-type: none"> Recap Add by making 10 Add a 2-digit and 1-digit number - crossing ten Recap Subtraction - crossing 10 Subtract a 1-digit number from a 2-digit number - crossing ten Add two 2-digit numbers - not crossing ten - add ones and add tens. Add two 2-digit numbers - crossing ten - add ones and add tens Subtract a 2-digit number from a 2-digit number - not crossing ten Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens Mixed addition and subtraction Recap Find and make number bonds Bonds to 100 (tens and ones) Add three 1-digit numbers <p>Money</p> <ul style="list-style-type: none"> Recognising coins and notes Count money – pence Count money - pounds (notes and coins) 	<p>Multiplication and Division continued</p> <ul style="list-style-type: none"> Recognise equal groups Make equal groups Add equal groups Multiplication sentences using the x symbol Multiplication sentences from pictures Use arrays Recap Make doubles 2 times-table 5 times-table 10 times-table Recap Make equal groups – sharing Make equal groups – sharing Recap Make equal groups – grouping Make equal groups – grouping Sharing and grouping activity Divide by 2 Odd and even numbers Divide by 5 Divide by 10 <p>Statistics</p> <ul style="list-style-type: none"> Make tally charts Draw pictograms (1-1) Interpret pictograms (1-1) Draw pictograms (2, 5 and 10) 	<p>Geometry – Properties of shape</p> <ul style="list-style-type: none"> Recognise 2-D and 3-D shapes Make 2-D and 3-D shapes Count sides on 2-D shapes Count vertices on 2-D shapes Draw 2-D shapes Lines of symmetry Lines of symmetry - draw the whole Sort 2-D shapes Make patterns with 2-D shapes Count faces on 3-D shapes Count edges on 3-D shapes Count vertices on 3-D shapes Sort 3-D shapes Make patterns with 3-D shapes <p>Fractions</p> <ul style="list-style-type: none"> Working with parts and wholes Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a third Find a third 	<p>Length and Height</p> <ul style="list-style-type: none"> Recap Compare lengths and heights Recap Measure lengths Measure length (cm) Measure length (m) Compare lengths Order lengths Four operations with lengths Problem solving with lengths <p>Geometry – Position and direction</p> <ul style="list-style-type: none"> Recap Describe position Problem solving with position Describing movement Describing turns Describing movement and turns Making patterns with shapes 	<p>Measurement – Time</p> <ul style="list-style-type: none"> Recap Telling time to the hour Recap Telling time to the half hour O'clock and half past Quarter past and quarter to Telling time to 5 minutes Recap Writing time Hours and days Find durations of time Compare durations of time <p>Measurement – Mass, Capacity and temperature</p> <ul style="list-style-type: none"> Recap Introduce weight and mass Recap Measure mass Compare mass Measure mass in grams Measure mass in kilograms Recap Introduce capacity and volume Recap Measure capacity Compare volume Millilitres Litres Four operations with mass Four operations with volume Temperature

	<ul style="list-style-type: none"> • Compare number sentences • Know your bonds • Related facts • Bonds to 100 (tens) • Add and subtract 1s • 10 more and 10 less • Add and subtract 10s 	<ul style="list-style-type: none"> • Count money - notes and coins • Select money • Make the same amount • Compare money • Find the total • Find the difference • Find change • Two-step problems <p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> • Make equal groups • Redistribute from unequal to equal groups • Add equal groups • Make arrays 	<ul style="list-style-type: none"> • Interpret pictograms (2, 5 and 10) • Block diagrams 	<ul style="list-style-type: none"> • Unit fractions • Non-unit fractions • Equivalence of a half and 2 quarters • Find three quarters • Count in fractions • Problem solving with fractions 		
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