

Year 3 – Maths 2022-2023

Autumn Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Concept:	Place Value <ul style="list-style-type: none"> Representing number to 100 Partitioning number to 100 Number line to 100 Representing hundreds Representing number to 100 Partition number to 1000 Flexible partitioning of number to 1000 Find 1, ten more or less Number lines to 1000 Comparing numbers to 1000 Ordering numbers to 1000 Counting in 50's Apply number bonds within 10 			Addition and Subtraction <ul style="list-style-type: none"> Add and subtract 1's Add and subtract 10's Add and subtract 100's Spot the pattern Add 1's across a ten Add 10's across a hundred Subtract 1's across a ten Subtract 10's across a hundred 					Addition and Subtraction <ul style="list-style-type: none"> Make connections Subtract two numbers, no exchange Add two number across a ten Add two numbers across a hundred Subtract two numbers across a hundred Add two-digit and three-digit numbers Subtract a two digit from a three-digit number Estimating answers 				Multiplication and Division (A) <ul style="list-style-type: none"> Multiply in equal groups Arrays to represent multiplication Multiples of 2 Multiples of 5 and 10 Sharing and grouping Multiply by 3 Divide by 3 3-times table Using my 4 times table to multiply and divide Using my 8 times table to multiply and divide Using my 2, 4 and 8 times table. 		
Representations	<ul style="list-style-type: none"> Part-part whole models Base ten Place-value grids Bar models 			<ul style="list-style-type: none"> Place-value grids Base ten Number lines Part-part whole models 					<ul style="list-style-type: none"> Place-value grids Base ten 				<ul style="list-style-type: none"> Array patterns Bar models Part-part whole models Sharing and grouping Double number lines 		

Spring Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half Term	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Concept	Multiplication and Division (B) <ul style="list-style-type: none"> • Multiples of 10 • Related calculations • Reasoning about multiplication • Multiply a 2-digit number by a 1-digit number, no exchange • Multiply a 2-digit number by a 1-digit number, with an exchange • Link multiplication and division • Divide a two-digit number by a 1-digit number, no exchange • Divide a two-digit number by a 1-digit number, flexible partitioning • Divide a two-digit number by a 1-digit number, with remainders • Scaling • How many ways 				Measure: Length and Perimeter <ul style="list-style-type: none"> • Measure in m and cm • Measure in mm • Measure in cm and mm • M, cm and mm • Equivalent lengths, m and cm • Equivalent lengths, cm and mm • Compare lengths • Add lengths • Subtract lengths • What is perimeter? 			Measure: Length and Perimeter <ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter 	Fractions (A) <ul style="list-style-type: none"> • Understand the denominators of unit fractions • Compare and order unit fractions • Understand the numerators of non-unit fractions • Understand the whole • Compare and order non-unit fractions • Fractions and scales • Fractions on a number line • Count in fractions on a number line • Equivalent fractions on a number line • Equivalent fractions as bar models 			Mass and Capacity <ul style="list-style-type: none"> • Use scales • Measure mass in grams • Measure mass in kg and grams • Equivalent masses, kg and g • Compare mass • Add and subtract mass • Measure capacity and volume in ml • Measure capacity on volume in l and ml • Equivalent capacities and volumes, l and ml • Compare capacity and volume. 	

															<ul style="list-style-type: none"> Add and subtract capacity and volume.
Representations	<ul style="list-style-type: none"> Base ten Number line Place value grids Array patterns Grouping and sharing Bar models 	<ul style="list-style-type: none"> Number lines Bar models Counting sticks Meter rulers Outside exploratory activities 		<ul style="list-style-type: none"> Number lines Bar models Counting sticks Meter rulers Outside exploratory activities Tape measures 	<ul style="list-style-type: none"> Number lines Bar models Counting stick Fraction pyramids Numicon 	<ul style="list-style-type: none"> Bar models 									

Summer Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half Term	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Concept	Fractions (B) <ul style="list-style-type: none"> Add fractions Subtract fractions Partition the whole Unit fractions of a set of objects Non unit fractions of 			Money <ul style="list-style-type: none"> Pounds and pence Convert pounds and pence Add money Subtract money 		Time <ul style="list-style-type: none"> Roman numerals to 12 Tell the time to 5 minutes Tell the time to the minute Read time on 			Time <ul style="list-style-type: none"> Years, months and days Days and hours Hours and minutes – use start and 		Shape <ul style="list-style-type: none"> Turns and angles Right angles Compare angles Measure and draw accurately Horizontal and vertical Parallel and perpendicular 		Statistics <ul style="list-style-type: none"> Interpret pictograms Draw pictograms Interpret bar charts Draw bar charts Collect and represent data 	

	<p>a set of objects</p> <ul style="list-style-type: none"> Reasoning with fractions of an amount. 	<ul style="list-style-type: none"> Find change 	<p>a digital clock</p> <ul style="list-style-type: none"> Use AM and PM 		<p>end times</p> <ul style="list-style-type: none"> Hours and minutes – use durations Minutes and seconds Units of time Solve problems with time. 	<ul style="list-style-type: none"> Recognise and describe 2D shape Draw polygons Recognise and describe 3D shape Make 3d shapes. 	<ul style="list-style-type: none"> Two-way tables
Representations	<ul style="list-style-type: none"> Base ten Numicon Number line Bar models Cuisenaire Fraction tiles Multilink 	<ul style="list-style-type: none"> Pounds and pence Number lines Bar models Counting sticks Part whole models 	<ul style="list-style-type: none"> Clocks Fraction tiles Part whole models 		<ul style="list-style-type: none"> Clocks Fraction tiles Part whole models 	<ul style="list-style-type: none"> Shapes 2D and 3D Nets Metre rules to show lines Protractor 	<ul style="list-style-type: none"> Bar models Graphs Tables Objects for pictograms