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
Daily fluency, calculation and retrieval practice : fb4, mastering number, ready to progress questions.															
Concept:	**Place Value** • 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** • 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** • 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)** • 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	• Part-part whole models • Base ten			• Place-value grids • Base ten					• Place-value grids			• Array patterns • Bar models			

	• Place-value grids • Bar models	• Number lines • Part-part whole models		• Base ten	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
Daily fluency, calculation and retrieval practice : fb4, mastering number, ready to progress questions.													
Concept	Multiplication and Division (B) • 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		Consol-odation of calculation	Measure: Length and Perimeter • 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 • Measure perimeter • Calculate perimeter	Fractions (A) • 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			Mass and Capacity • Use scales • Measure mas • Measure mas • Equivalent m • Compare mo • Add and sub • Measure cap • Measure cap • Equivalent co • Compare ca • Add and subt	

	• number, with remainders • Scaling • How many ways					• Equivalent fractions on a number line • Equivalent fractions as bar models	
Representations	• Base ten • Number line • Place value grids • Array patterns • Grouping and sharing • Bar models	•	• Number lines • Bar models • Counting sticks • Meter rulers • Outside exploratory activities	• Number lines • Bar models • Counting sticks • Meter rulers • Outside exploratory activities • Tape measures	• Number lines • Bar models • Counting stick • Fraction pyramids • Numicon	• 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
			Daily fluency, calculation and retrieval practice : fb4, mastering number, ready to progress questions.										
Concept	**Fractions (B)** • Add fractions • Subtract fractions		**Consol-odation of calculation (addition and subtraction)**	**Money** • Pounds and pence • Convert pounds	**Consol-odation of calculation (multiplication and division)**	**Time** • Roman numerals to 12 • Tell the time to 5		**Time** • Years, months and days • Days and hours • Hours and	**Shape** • Turns and angles • Right angles • Compare angles • Measure and draw		**Statistics** • Interpret pictograms • Draw pictograms		

	• Partition the whole • Unit fractions of a set of objects • Non unit fractions of a set of objects • Reasoning with fractions of an amount.		• and pence • Add money • Subtract money • Find change		• minutes • Tell the time to the minute • Read time on a digital clock • Use AM and PM		• minutes – use start and end times • Hours and minutes – use durations • Minutes and seconds • Units of time • Solve problems with time.	• accurately • Horizontal and vertical • Parallel and perpendicular • Recognise and describe 2D shape • Draw polygons • Recognise and describe 3D shape • Make 3d shapes.	• Interpret bar charts • Draw bar charts • Collect and represent data • Two-way tables
Representations	• Base ten • Numicon • Number line • Bar models	•	• Pounds and pence • Number lines	•	• Clocks • Fraction tiles • Part whole		• Clocks • Fraction tiles • Part whole models	• Shapes 2D and 3D • Nets • Metre rules to show lines • Protractor	• Bar models • Graphs • Tables • Objects for pictograms

	• Cuisen aire • Fractio n tiles • Multilink		• Bar mode ls • Coun ting sticks • Part whole mode ls		mod els				