



Year 3 Maths Medium Term Plans

Autumn

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Place Value To learn to count in hundreds and understand the place value. Pupils will also understand how many hundreds are needed to make 1000. To understand the value of each digit in a 3-digit number. To be able to compare and order numbers. To be able to recognise, describe and complete more complicated number		Calculations: Addition and Subtraction To understand the commutative law of addition and the corresponding addition and subtraction facts. To add a 3-digit number to a 1-digit number with no regrouping or renaming. To add two 3-digit numbers with renaming the tens. To do simple subtraction by taking away a 1-digit number from a 3-digit number without renaming. To subtract hundreds from a 3-digit number and to subtract multiples of 1 and 10 from a 3-digit number. To subtract a 3-digit number with zeros. To solve word problems involving addition and subtraction.					Calculations: Multiplication and Division To multiply by 3, 4 and 8. To divide by 3,4 and 8. To find relationships between multiplication and division. To solve word problems involving multiplication and division.			Assessment Week	Calculations: Further Multiplication and Division To multiply multiples of 10 by a 1-digit number. To multiply any 2-digit number

patterns. To be able to count in fours and eights.				by a 1- digit number. To multiply with renaming.
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Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Calculations: Further Multiplication and Division To understand simple division of a 2-digit number by a 1-digit number. To use long division to divide. To solve word problems that involve multiplication.	Measurement: Length To use metres and centimeters to measure objects. To write length in centimetres only by converting metres to centimetres. To convert centimetres to millimetres. To measure objects and write length in millimetres. To compare two lengths. To solve measurement-related word problems.		Measurement: Mass To measure mass using weighing scales and compare the mass of objects using grams and kilograms. To use weighing scales to measure mass when the mass is between multiples of 100 g. To read values on a scale which are 1 kg or more. To solve word problems, relating to mass with addition, subtraction, multiplication and division.		Measurement: Volume To measure volume using millilitres and litres in comparison to 1 l. To measure larger capacity in litres and millilitres. To solve word problems related to volume.		Assessment Week	Measurement: Money To use simple addition to count amounts of money. To add and subtract amounts of money with and without renaming. To compare amounts of money and find the difference by subtracting. To find the amount of change left from a given amount of money after a purchase. To solve word problems involving addition and subtraction of money.		Measurement: Time To use the terms 'a.m.' and 'p.m.' correctly to identify morning or afternoon/evening. To learn to tell time to the minute; to understand the relationship between the minute hand and hour hand. To be able to tell and write the time from 12-hour and 24-hour clocks. To measure time in seconds using a stopwatch and an analogue clock.	

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Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Measurement: Time To convert minutes into seconds. To convert seconds into minutes. To calculate the number of days in a month; to learn which months have 31, 30 and 28/29 days.	Statistics : Pictographs and Bar Graphs To construct picture graphs from a set of data; to present data with pictures that represent more than one item. To read and interpret information from a bar graph;	Fractions, Decimals and Percentages: Fractions To count in tenths; to recognise tenths and be able to determine how many tenths are shaded. To recognise, find and write fractions of a discrete set of objects. To find equivalent fractions through paper folding and shading, using pictorial representations and multiplication. To compare and order fractions with the same denominator. To add fractions using pictorial representations; to simplify fractions after adding them. To subtract fractions from a whole amount; to use pictorial representations of whole numbers to help subtract fractions. To use bar models to solve word problems involving addition and subtraction of fractions with the same denominator.			Geometry: Angles To learn what makes an angle and identify angles in objects. To find right angles in everyday objects; to understand what makes a right angle. To find angles in shapes; to determine the relationship between the number of angles in a shape and the number of sides. To identify right angles and acute angles; to recognise and define an obtuse angle. To make turns using angles vocabulary; to align the language of angles and fractions to describe turns.		Assessment Week	Geometry : Lines and Shapes To identify, define and create perpendicular lines; to find perpendicular lines in everyday objects. To identify, define and create parallel lines; to find parallel	Measurement: Perimeter of Shapes To measure the perimeter of a shape using 1 cm grid paper. To determine the perimeter of different shapes; to create shapes with a specific perimeter. To find the perimeter of shapes using 2 cm grids. To calculate the perimeter of a square and a rectangle using addition and multiplication. To calculate the perimeter of a square and a rectangle using information previously learned about the properties of shapes.		Review and Revisit

To find the duration of days for different activities.	to use and understand vocabulary related to bar graphs. To interpret data presented in scaled bar graphs.				lines in everyday objects. To define and identify vertical and horizontal lines; to find vertical and horizontal lines in everyday life. To describe and compare 3D shapes.		
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