



Y3 Maths Long Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn (T1 and T2)	Number and Place Value		Number: Addition and Subtraction				Measures: Length	Number: Multiplication and Division			Measures: Money	
Spring (T3 and T4)	Place Value		Number: Multiplication and Division		Geometry: Properties of Shape		Number: Fractions		Measures: Time			Measures: Mass
Summer (T5 and T6)	Number: Fractions				Geometry: Properties of Shapes			Assessment week: Optional SATs	Themed Maths Week	Measures: Capacity	Statistics	All Four Operations



Term by Term Objectives

Year 3

Term 1 and Term 2

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 3.1.a.1 (KPI): Count from 0 in multiples of 100 3.1.a.2 (KPI): Find 10 or 100 more or less than a given number using concrete resources and pictorial representations 3.1.a.3 (KPI): Count from 0 in multiples of 4, 8 and 50 3.1.b.1 (KPI): Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) 3.1.b.2: Read and write numbers up to 1000 in numerals and in words 3.1.b.3: Identify, represent and estimate numbers using different representations and partitioning in different ways 3.1.c.1: Compare and order numbers up to 1000 3.1.d.1 (KPI): Solve number problems and practical problems with number and place value from the Y3 curriculum 3.1.e.1: Round whole numbers up to 100 to the nearest 10		Number: Addition and Subtraction 3.2.a.1 Use understanding of place value and partitioning to develop methods for addition and subtraction with larger numbers 3.2.a.2 Understand the structure of situations that require addition or subtraction 3.2.b.1 (KPI) Mentally add and subtract numbers including a three-digit number with ones, tens or hundreds 3.2.b.2 Continue to use addition and subtraction facts to 20 and derive related facts up to 100 3.2.c.1 Solve problems including missing number problems, using place value and more complex addition and subtraction 3.2.c.2 Solve problems including missing number problems, using number facts and more complex addition and subtraction 3.2.e.1 Add and subtract numbers with up to three digits, using formal columnar methods of addition and subtraction 3.2.f.1 Check addition calculations using subtraction and addition and subtraction calculations using rounding				Measurement: Length 3.1.4 Record measurements using mixed units (Length) e.g.1m and 52cm 3.2.3 Continue to choose the appropriate tools and units when measuring, selecting from a wider range of measures (Length) 3.2.4 Measure the perimeter of simple 2-D shapes 3.3.4 (KPI) Measure, compare, add and subtract: lengths (m/cm/mm) 3.3.5 Measure the distance around shapes in the	Number: Multiplication and Division 3.2.a.3 Use commutativity (multiplication can be done in any order) and associativity and multiplication facts to derive related facts 3.2.a.4 Understand the structure of situations that require multiplication 3.2.b.3 (KPI) Calculate mentally using multiplication and division facts for the 3, 4 and 8 multiplication tables, including two-digit numbers times one-digit numbers 3.2.d.1 Develop recall of number facts linking addition and multiplication 3.2.d.2 (KPI) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables 3.2.e.2 (KPI) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods			Measurement: Money 3.1.3 Become confident in exchanging between £ and p when handling money 3.3.2 Continue to solve problems involving combinations of coins and notes 3.3.3 (KPI) Add and subtract amounts of money to give change, recording £ and p separately	



		classroom and outside environment	
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Term by Term Objectives

Year 3

Term 3 and Term 4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Place Value 3.1.a.1 (KPI): Count from 0 in multiples of 100 3.1.a.2 (KPI): Find 10 or 100 more or less than a given number using concrete resources and pictorial representations 3.1.a.3 (KPI): Count from 0 in multiples of 4, 8 and 50 3.1.b.1 (KPI): Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) 3.1.b.2: Read and write numbers up to 1000 in numerals and in words 3.1.b.3: Identify, represent and estimate numbers using different representations and partitioning in different ways 3.1.c.1: Compare and order numbers up to 1000 3.1.d.1 (KPI): Solve number problems and practical problems with number and place value from the Y3 curriculum 3.1.e.1: Round whole numbers up to 100 to the nearest 10		Multiplication and division 3.2.a.3 Use commutativity (multiplication can be done in any order) and associativity and multiplication facts to derive related facts 3.2.a.4 Understand the structure of situations that require multiplication 3.2.b.3 (KPI) Calculate mentally using multiplication and division facts for the 3, 4 and 8 multiplication tables, including two-digit numbers times one-digit numbers 3.2.c.3 Solve calculation problems involving multiplication and division, including missing number problems, simple positive integer scaling and simple correspondence problems in which n objects are connected to m objects 3.2.d.1 Develop recall of number facts linking addition and multiplication 3.2.d.2 (KPI) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables 3.2.e.2 (KPI) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know,			Geometry: Properties of Shapes 3.1.2 Make 3-D shapes using modelling materials 3.2.3 Recognise 3-D shapes in different orientations and describe them		Number: Fractions 3.3.a.1 (KPI) Recognise, find and write fractions of a discrete set of objects, unit fractions with small denominators 3.3.a.2 (KPI) Recognise, find and write fractions of a discrete set of objects, non-unit fractions with small denominators 3.3.a.3 Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 3.3.c.3 (KPI) Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators		Measurement: Time 3.1.1 Convert between analogue and 12-hour digital clocks 3.1.2 Know the number of seconds in a minute and the number of days in each month, year and leap year 3.2.1 Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight 3.2.2 (KPI) Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks 3.3.1 Compare durations of events for example to calculate the time taken by particular events or tasks			Measurement: Mass 3.1.4 Record measurements using mixed units (Mass) e.g.1kg and 200g 3.2.3 Continue to choose the appropriate tools and units when measuring, selecting from a wider range of measures (Mass) 3.3.4 (KPI) Measure, compare, add and subtract: mass(kg/g)



	including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods				
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Term by Term Objectives

Year 3

Term 5 and Term 6

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: Fractions 3.3.b.1 (KPI) Recognise and show, using diagrams, equivalent fractions with small denominators 3.3.b.2 Connect tenths to decimal measures and place value 3.3.c.1 Compare and order unit fractions, and fractions with the same denominators 3.3.c.2 Add and subtract fractions with the same denominator within one whole for example $5/7 + 1/7 = 6/7$ 3.3.d.1 Solve problems with fractions from the Year 3 curriculum				Geometry 3.1.1 Draw 2-D shapes with straight sides measured in cm 3.2.1 Identify horizontal and vertical lines and pairs of perpendicular and parallel lines 3.2.2 Describe 2-D shapes using accurate language, including lengths of lines and angles greater or less than a right angle 3.3.1 (KPI) Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn 3.3.2 (KPI) Identify whether angles are greater than or less than a right angle 3.3.3 Recognise angles as a property of shape or a description of a turn 3.4.1 Mark a given square on a grid, e.g. A3 3.4.2 Continue to recognise and devise patterns and sequences in shapes 3.5.1 Give and follow multi-step directions in own environment			Assessment Week: Optional SATs	Themed Maths Week	Measurement: Capacity 3.1.4 Record measurements using mixed units (Capacity) e.g. 1L and 400ml 3.2.3 Continue to choose the appropriate tools and units when measuring, selecting from a wider range of measures (Capacity) 3.3.4 (KPI) Measure, compare, add and subtract: Capacity (L/ml)	Statistics 3.1.1 (KPI) Interpret bar charts, pictograms and tables 3.2.1 Present data in bar charts, pictograms and tables 3.3.1 Solve problems with one or two steps using scaled bar charts, pictograms and tables 3.3.2 Continue to count the number of objects in each category and sort the	All Four Operations 3.2.c.1 3.2.c.2 Solve problems including missing number problems, using place value, number and more complex addition and subtraction Solve problems using all four operations



					categories by quantity	
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