Year Two

Overview

The abridged Year 2 curriculum covers a lot of additional content that pupils missed in Year 1 that are essential for them to be able to access the Year 2 content. Consequently, this plan takes the teaching almost all the way up to the end of the summer term. In order to regain seventeen additional lessons, those set aside for pre and post unit quizzes could be moved into Maths Meeting sessions.

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• Fractions
• Addition and subtraction of 2-digit numbers (regrouping and adjusting)
• Money</td><td colspan="2">• Faces, shapes and patterns; lines and turns
• Number within 1000
• Measures: capacity and volume
• Measures: mass
• Exploring calculation strategies
• Multiplication and division (3x and 4x)</td></tr>
<tr><td>Arithmetic Topics

Items in blue indicate topics from the previous year for revision.</td><td>Addition
• Count forwards across 100 from any given number
• Add one digit and two digit numbers to 20
• Add a two-digit and one-digit number mentally (up to 100)
• Add a two-digit and tens mentally (up to 100)
• Add three one-digit numbers mentally (up to 100)

Subtraction
• Count backwards across 100 from any given number
• Subtract one digit and two digit numbers to 20</td><td>Addition
• Add two two-digit numbers mentally (up to 100)

Subtraction
• Subtract two two-digit numbers mentally (up to 100)

Multiplication & division
• Use multiplication facts for the 2, 5 and 10 multiplication tables
• Use division facts for the 2, 5 and 10 multiplication tables</td><td>Multiplication & division
• Use multiplication facts for the 2, 5 and 10 multiplication tables
• Use division facts for the 2, 5 and 10 multiplication tables

Addition & Subtraction
• Add and subtract two 2-digit number with regrouping

Fractions
• Find half of a quantity
• Find quarter of a quantity
• Find one third of a quantity</td><td>All content</td><td>All content</td><td>All content</td></tr>
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	• Subtract a two-digit and one-digit number mentally (up to 100) • Subtract a two-digit and tens mentally (up to 100)		• Find two quarters of a quantity • Find three quarters of a quantity			
Maths Meetings Content (see Maths Mastery document for further detail)	• Number • Addition and subtraction strategies • Multiplication and division • Shape and pattern • Measures • Time • Money • Data		• Number • Shape and pattern • Time • Money		• Number • Measures • Times	
Times Tables	• Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 120.	• Count in steps of 2 and 5 from 0 up to 120 fluently • Recall multiples of 10 up to 12x10 in any order, including missing numbers and related division facts with growing fluency.	• Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts. • Recall multiples of 10 up to 12x10 fluently.	• Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts. • Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts with growing fluency.	• Count in multiples of 3 to 12x3 in order from 0. • Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts fluently. • Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts with growing fluency.	• Count in multiples of 3 to 12x3 in order from 0 with growing fluency. • Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts fluently.
Assessments & CCR deadlines	• Baseline PUMA - Summer Year 1 (14th October) • Cumulative arithmetic x2 (14th October & 16th December) • Formative pre and post unit quizzes		• PUMA –Spring Year 2 (5th February) • Cumulative arithmetic x2 (5th February & 26th March) • Formative pre and post unit quizzes		• SATs (May)	

Autumn Term

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 1: Number within 100					
Week 1	**Y2 U1 Pre-quiz**	**Y2 U1 L1** Explore 2-digit numbers by grouping in tens	**Y2 U1 L2** Identify tens and ones in a 2-digit number	**Y2 U1 L3** Partition 2-digit numbers	**Y2 U1 L4** Partition 2-digit numbers
Week 2	**Y1 U12 L3** Represent the number 100 and understand that it is equal to ten groups of ten	**Y2 U1 L5** Represent 2-digit numbers	**Y2 U1 L6** Read and write numbers to 100 in words	**Y1 U12 L6** Compare numbers within 100 on a number line	**Y2 U1 L7** Compare numbers to 100
Week 3	**Y2 U1 L8** Order numbers to 100	**Y1 U12 L5** Recognise one more and one fewer and ten more and ten fewer	**Y2 U1 L9** Explore number patterns	**Y2 U1 L10** Explore odd and even numbers	**Y2 U1 Post-quiz** **Y2 U2 Pre-quiz**
Unit 2: Addition and subtraction of 2-digit numbers					
Week 4	**Y1 U13 L1** Apply knowledge of number bonds within 20	**Y1 U13 L2** Add a two-digit number and ones	**Y1 U13 L3** Subtract a two-digit number and ones	**Y1 U13 L7** Explore addition and subtraction (no regrouping)	**Y1 U13 L8** Solve problems in context using addition and subtraction (no regrouping)
Week 5	**Y2 U2 L1** Use number bonds within 20 in addition	**Y2 U2 L2** Use number bonds within 20 in subtraction	**Y2 U2 L3** Add and subtract ones from a 2-digit number	**Y2 U2 L4** Add and subtract multiples of ten	**Y2 U2 L5** Add and subtract tens from a 2-digit number

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 6	**Y2 U2 L6** Add two 2-digit numbers	**Y2 U2 L7** Subtract two 2-digit numbers	**Y2 U2 L8** Add and subtract two 2-digit numbers	**Y2 U2 L9** Add three 1-digit numbers	**Y2 U2 Post-quiz** **Y2 U3 Pre-quiz**
Unit 3: Addition and subtraction word problems					
Week 7	**Y2 U3 L1** Represent information as a bar model	**Y2 U3 L2** Represent information as a bar model	**Y2 U3 L3** Create a bar model	**Y2 U3 L4** Create a bar model	**Y2 U3 L5** Represent two-step word problems using bar models
Half-term					
Week 8	**Y2 U3 L6** Represent two-step word problems using bar models	**Y2 U3 L7** Represent comparative word problems using bar models	**Y2 U3 L8** Represent comparative word problems using bar models	**Y2 U3 L9** Identify suitable bar models to represent problems	**Y2 U3 Post-quiz** **Y2 U4 Pre-quiz**
Unit 4: Measuring length					
Week 9	**Y2 U4 L1** Use standard units when measuring	**Y2 U4 L2** Compare and order length in metres (using < > =)	**Y2 U4 L3** Use a ruler to measure length in centimetres	**Y2 U4 L4** Compare and order length in centimetres (using < > =)	**Y2 U4 L5** Use a ruler to measure lines
Unit 4: Measuring length					**Unit 5: Graphs**
Week 10	**Y2 U4 L6** Use a measuring tape to measure in centimetres	**Y2 U4 L7** Use a ruler to draw lines with specified length	**Y2 U4 L8** Solve word problems involving length	**Y2 U4 Post-quiz** **Y2 U5 Pre-quiz**	**Y2 U5 L1** Represent and interpret data using a pictogram and table

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 11	**Y2 U5 L2** Represent and interpret data using a block diagram and table	**Y2 U5 L3** Represent and interpret data using a tally chart and a scaled pictogram	**Y2 U5 L4** Represent and interpret data using a tally chart and a scaled block diagram	**Y2 U5 L5** To interpret data from scaled pictograms and block diagrams	**Y2 U5 Post-quiz** **Y2 U6 Pre-quiz**
Unit 6: Multiplication and division					
Week 12	**Y1 U15 L2-4 combined** Recognise and add equal groups Solve problems using repeated addition	**Y1 U15 L2-4 combined** Recognise and add equal groups Solve problems using repeated addition	**Y2 U6 L1** Use the multiplication symbol	**Y2 U6 L2** Identify that multiplication is commutative	**Y1 U15 L5** Share a total equally between a set number of groups
Week 13	**Y1 U15 L6** Share a total equally between a set number of groups	**Y2 U6 L3** Use the division symbol when sharing	**Y1 U15 L7** Share a total equally and find the number of groups	**Y2 U6 L4** Use the division symbol when grouping	**Y2 U6 L5** Explore representations of division problems
Week 14	**Y2 U6 L6** Find related multiplication and division facts	**Y2 U6 L7** Calculate multiplications of two by skip counting	Left for flexibility in planning and accounting for possible inset days. Multiplication and division unit continues after holiday.		

Spring Term

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 6: Multiplication and division					
Week 1	**Inset day**	Practical revision lesson of previous multiplication and division content from before holiday.	**Y2 U6 L8** Explore representations of multiplication problems	**Y2 U6 L9** Relate multiplying by two to doubling	**Y2 U6 L10** Calculate multiplications of five by skip counting
Week 2	**Y2 U6 L11** Calculate multiplications of ten by skip counting	**Y2 U6 L12** Spot patterns in the 2, 5 and 10 multiplication tables	**Y2 U6 L13** Solve multiplication and division word problems	**Y2 U6 Post-quiz** **Y2 U7 Pre-quiz**	Left for flexibility of return to school after holiday.
Unit 7: Time					
Week 3	**Y2 U7 L1** Know the number of hours in one day	**Y2 U7 L2** Know that there are 60 minutes in one hour	**Y2 U7 L3** Identify quarter past on an analogue clock	**Y2 U7 L4** Identify "quarter to" on an analogue clock	**Y2 U7 L5** Read the time on the clock to the nearest five minutes
Week 4	**Y2 U7 L6** Read the time on the clock to the nearest five minutes	**Y2 U7 L7** Sequence daily events	**Y2 U7 L8** Calculate duration of time in minutes	**Y2 U7 L9** Calculate duration of time in hours and minutes	**Y2 U7 Post-quiz** **Y2 U8 Pre-quiz**
Unit 8: Fractions					
Week 5	**Y2 U8 L1** Relate halves and quarters to division	**Y2 U8 L2** Identify the parts of a fraction	**Y2 U8 L3** Identify half of a shape	**Y2 U8 L4** Identify halves, thirds and quarters of shape	**Y2 U8 L5** Identify fractions of shapes with different numerators

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 6	**Y2 U8 L6** Identify unit fractions of quantity	**Y2 U8 L7** Identify fractions of a quantity and shape	**Y2 U8 L8** Identify fractions of quantity and shape	**Y2 U8 L9** Identify equivalent fractions	**Y2 U8 Post-quiz** **Y2 U9 Pre-quiz**
Half-term					
Unit 9: Addition and subtraction of 2-digit numbers (regrouping and adjusting)					
Week 7	**Y2 U9 L1** Use the "Make ten" strategy to add ones	**Y1 U13 L4** Bridging lesson – using dienes	**Y2 U9 L2** Regroup when adding	**Y2 U9 L3** Regroup when adding	**Y2 U9 L4** Use the "Make Ten" strategy to subtract ones
Week 8	**Y1 U13 L5** Bridging lesson – using dienes	**Y2 U9 L5** Regroup when subtracting	**Y2 U9 L6** Solve addition and subtraction word problems	**Y2 U9 L7** Add near multiples of ten	**Y2 U9 L8** Subtract near multiples of ten
Unit 9: Addition and subtraction of 2-digit numbers (regrouping and adjusting)			**Unit 10: Money**		
Week 9	**Y2 U9 L9** Mentally add near doubles	**Y2 U9 Post-quiz** **Y2 U10 Pre-quiz**	**Y1 U14 L2** Recognise the value of different coins	**Y1 U14 L3** Recognise the value of different coins	**Y1 U14 L4** Recognise the value of different coins and notes
Week 10	**Y2 U10 L1** Recognise and compare the value of coins	**Y2 U10 L2** Recognise the value of coins and notes and use the symbol for pounds accurately	**Y2 U10 L3** Find the total of a set of coins	**Y2 U10 L4** Make the same total using different coins	**Y2 U10 L5** Calculate change from one pound

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 11	**Y2 U10 L6** Create an amount of money in different ways	**Y2 U10 L7** Work out the change in pounds and pence	**Y2 U10 L8** Solve problems relating to money	**Y2 U10 Post-quiz** **Y2 U11 Pre-quiz**	Left for flexibility in planning and accounting for assessments.
Week 12	Left for flexibility in planning and accounting for assessments.			**School closed**	**School closed**

Summer Term

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 11: Faces, shapes and patterns; lines and turns					
Week 1	**Y2 U11 L1** Identify shapes by the number of vertices and sides	**Y2 U11 L2** Identify right angles in shapes	**Y2 U11 L3** Recognise lines of symmetry within 2-D shapes	**Y2 U11 L4** Describe and sort 2-D shapes according to their properties	**Y2 U11 L5** Name and describe 3-D shapes
Week 2	**Y2 U11 L6** Identify 2-D shapes on the surfaces of 3-D shapes	**Y2 U11 L7** Describe and create shape patterns	**Y2 U11 L8** Compare and sort 2-D and 3-D shapes	**Y2 U11 L9** Describe the position of an object	**Y2 U11 L10** Give directions from point A to point B
Week 3	**Bank holiday**	**Y2 U11 L11** Use the language of rotation	**Y2 U11 L12** Make predictions about rotation	**Y2 U11 L13** Identify how a pattern has been created through rotation	**Y2 U11 L14** Follow a route around a map

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 12: Number within 1000					
Week 4	**Y2 U11 Post-quiz** **Y2 U12 Pre-quiz**	**Y2 U12 L1** Recognise the place value of each digit in a 3-digit number	**Y2 U12 L2** Show the value of a 3-digit number in more than one way	**Y2 U12 L3** Show the value of a 3-digit number in more than one way	**Y2 U12 L4** Compare numbers within 1000 using the < , > and = signs
Unit 12: Number within 1000		**Unit 13: Measures: capacity and volume**			
Week 5	**Y2 U12 L5** Accurately read scales within 1000 units	**Y2 U12 Post-quiz** **Y2 U13 Pre-quiz**	**Y2 U13 L1** Read the temperature in degrees Celsius on a thermometer	**Y2 U13 L2** Take and read the temperature in degrees Celsius	**Y1 U16 L2** Indirectly compare capacities by measuring in non-standard units
Week 6	**Y2 U13 L3** Understand the concept of litres and estimate and measure in litres	**Y2 U13 L4** Solve word problems that involve litres	**Y2 U13 L5** Compare millilitres and litres using fractions	**Y2 U13 L6** Use millilitres as a unit of measurement	Left for flexibility in planning and accounting for arithmetic assessment.
Half-term					
Week 7	Left for flexibility in planning and accounting for arithmetic assessment.	**Y2 U13 L7** Compare and order millilitres and litres	**Y2 U13 L8** Use known number bonds and derive related facts to 1000, using the context of measures	**Y2 U13 L9** Solve word problems about capacity and volume	**Y2 U13 Post-quiz** **Y2 U14 Pre-quiz**
Unit 14: Measures: mass					
Week 8	**Y2 U14 L1** Weigh and compare objects in kilograms	**Y2 U14 L2** Interpret scales labelled in grams and compare the mass of objects in gram	**Y2 U14 L3** Apply addition and subtraction in the context of mass	**Y2 U14 L4** Solve multiplication and division problems about mass	**Y2 U14 Post-quiz** **Y2 U15 Pre-quiz**

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 15: Exploring calculation strategies					
Week 9	**Y2 U15 L1** Apply addition strategies to solve equations	**Y2 U15 L2** Apply subtraction strategies to solve equations	**Y2 U15 L3** Solve word problems	**Y2 U15 L4** Solve word problems	**Y2 U15 L5** Add two 2-digit numbers using the column method
Unit 15: Exploring calculation strategies					**Unit 16: Multiplication and division (3× and 4×)**
Week 10	**Y2 U15 L6** Add two 2-digit numbers using the column method	**Y2 U15 L7** Subtract 2-digit numbers using the column method	**Y2 U15 L8** Subtract 2-digit numbers using the column method	**Y2 U15 Post-quiz** **Y2 U16 Pre-quiz**	**Y2 U16 L1** Recall the multiplication table of three using skip counting
Week 11	**Y2 U16 L2** Recall the multiplication table of four using skip counting	**Y2 U16 L3** Describe and interpret arrays for the multiplication tables of three and four	**Y2 U16 L4** Know division facts for the multiplication table of three	**Y2 U16 L5** Know division facts for the multiplication table of four	**Y2 U16 L6** Identify multiplication and division fact families
Week 12	**Y2 U16 L7** Recognise the inverse relationship between multiplication and division	**Y2 U16 L8** Identify multiples of 2, 3, 4, 5 and 10	**Y2 U16 L10** Recognise that the 4× table is double the 2× table	**Y2 U16 L11** Create bar models for multiplication and division	**Y2 U16 L12** Identify the whole and the parts in bar models for multiplication and division
Week 13	**Y2 U16 L13** Use bar models to represent multiplication and division word problems	**Y2 U16 L14** Solve word problems using bar models	**Y2 U16 Post-quiz**		