



Year 2

Termly Plans Academic Year 2020 - 2021

Teach Up

Mathematics
Lessons

Manageable
Steps

Intelligent Practice

Maths on Track
Meetings

Weekly
Suggestions

Deliberate Practice

Keep Up



Year 2 Term 1

Term 1 W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24	
01/09/2020	M	Number and Place Value	TDD	Bonds of 6	ArithmeCheck 1
	T		Remember This?		Deliberate Practice: Past and Present
	W		Represent 2-digit numbers		Deliberate Practice: Past and Present
	T		Recognise the value of digits in 2-digit numbers		CanDoBonds 6 +
	F		Partition 2-digit numbers in different ways		
07/09/2020	M	Number and Place Value	Read 2-digit numbers in words and write using numerals	Bonds of 6	1.9 Know 1 more than numbers
	T		Read 2-digit numbers in numerals and write in words		1.17 Know 1 less than numbers
	W		Identify 2-digit numbers on a number line		Deliberate Practice: Past and Present
	T		Represent 2-digit numbers on a number line		Deliberate Practice: Past and Present
	F		Estimate numbers on a number line		CanDoBonds 6 +/-
14/09/2020	M	Number and Place Value	Compare any two 2-digit numbers using < > and =	Bonds of 7	1.9 Know 1 more than numbers
	T		Order 2-digit numbers with different tens from smallest to greatest		1.17 Know 1 less than numbers
	W		Order 2-digit numbers with the same tens from smallest to greatest		Deliberate Practice: Past and Present
	T		Order 2-digit numbers		Deliberate Practice: Past and Present
	F		Find 10 more than a given number		CanDoBonds 7 +
21/09/2020	M	Geometry: Properties of shapes	Find 10 less than a given number	Bonds of 7	1.16 Add 10 to a number
	T		Extra Problem Solving		1.24 Subtract 10 from a number
	W		Identify and describe the properties of pentagons		Deliberate Practice: Past and Present
	T		Identify and describe the properties of hexagons		Deliberate Practice: Past and Present
	F		Identify and describe the properties of octagons		CanDoBonds 7 +/-
28/09/2020	M	Geometry: Properties of shapes	Identify symmetry properties of 2-D shapes using vertical lines	Bonds of 8	1.16 Add 10 to a number
	T		Identify and describe the properties of 3-D shapes including the number of vertices		1.24 Subtract 10 from a number
	W		Identify and describe the properties of 3-D shapes including the number of edges		Deliberate Practice: Past and Present
	T		Identify and describe the properties of 3-D shapes including the number of faces		Deliberate Practice: Past and Present
	F		Remember This?		CanDoBonds 8 +
05/10/2020	M	Addition and Subtraction: Addition	Show that addition is commutative	Bonds of 8	1.15 Use numebr facts to calculate others
	T		Recall and use addition facts of two single digits bridging 10		1.23 Subtract a single digit number from a teens number
	W		Recall and use addition facts of single digit doubles		Deliberate Practice: Past and Present
	T		Use addition facts of 10 to derive facts of 100		Deliberate Practice: Past and Present
	F		Add ones to 2-digit numbers using number facts where the tens don't change		CanDoBonds 8 +/-
12/10/2020	M	Addition and Subtraction: Addition	Add ones to 2-digit numbers using bridging	Bonds of 9	1.15 Use numebr facts to calculate others
	T		Add ones to 2-digit numbers by rounding to ten then compensating		1.23 Subtract a single digit number from a teens number
	W		Add multiples of ten to 2-digit numbers using number facts		Deliberate Practice: Past and Present
	T		Add two 2-digit numbers by counting on in tens then 1s		Deliberate Practice: Past and Present
	F		Add two 2-digit numbers using partitioning and recombining (No regrouping)		CanDoBonds 9 +
19/10/2020	M	Addition and Subtraction: Addition	Add two 2-digit numbers using partitioning and recombining	Bonds of 9	1.8 Order numbers and position them on a number line
	T		Add two 2-digit numbers by rounding to the nearest ten then compensating		1.8 Order numbers and position them on a number line
	W		Add two 2-digit numbers choosing an efficient strategy		Deliberate Practice: Past and Present
	T		Add three single digit numbers		Deliberate Practice: Past and Present
	F		End of Term Assessment: Remember It		CanDoBonds 9 +/-
Half Term					



Year 2 Term 2

Term 2. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check
02/11/2020	M	Addition and Subtraction: Subtraction	Remember This?"	Bonds of 10
	T		Understand why subtraction is not commutative	
	W		Recall subtraction facts of two single digits within 10	
	F		Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit not bridging 10	
09/11/2020	M	Addition and Subtraction: Subtraction	Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit bridging 10	Bonds of 10
	T		Use subtraction facts of 10 to subtract multiples of ten from 100	
	W		Subtract ones from 2-digit numbers using number facts where the tens don't change	
	F		Subtract ones from 2-digit numbers using bridging	
16/11/2020	M	Addition and Subtraction: Subtraction	Subtract ones from 2-digit numbers by rounding to ten then compensating	Bonds of 10
	T		Subtract multiples of ten from 2-digit numbers using number facts	
	W		Subtract two 2-digit numbers by counting back in tens then 1 s	
	F		Subtract two 2-digit numbers by rounding to the nearest ten then compensating	
23/11/2020	M	Geometry: Properties of Shapes	Subtract by finding the difference between two numbers - counting on	Bonds of 10
	T		Derive addition and subtraction facts using inverse operations	
	W		Extra Problem Solving	
	F		Identify and describe the properties of cylinders	
30/11/2020	M	Multiplication and Division	Identify and describe the properties of cones	Bonds of 20
	T		Identify and describe 2-D shapes on the surface of 3-D shapes	
	W		Compare and sort 3-D shapes and explain how they are similar or different	
	F		Compare and sort 2-D shapes and explain how they are similar or different	
07/12/2020	M	Multiplication and Division	Count in steps of 3 from zero	Bonds of 20
	T		Show and use the connection between multiplication and repeated addition	
	W		Create multiplication statements to describe and solve equal grouping problems	
	F		Use arrays to solve multiplication problems	
14/12/2020	M	Geometry: Position and direction	Show and use the commutativity of multiplication	Bonds of 15
	T		Create division statements to describe and solve grouping problems	
	W		Create division statements to describe sharing and solve problems	
	F		Show that division is not commutative	
		Extra Problem Solving		Bonds of 15
		Use mathematical language to describe position		
		Use mathematical language to describe direction of a turn, including meaning of clockwise and anti-clockwise		
		Understand and use the language of right angles to describe the size of turn		
		Interpret and devise instructions for following a simple route		Bonds of 15
		Order combinations of mathematical objects in patterns and sequences		
		End of Term Assessment: Remember It		
		Christmas break		
				Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
				2.5 Add multiples of 10 to a 2-digit number
				2.3 Partition a 2-digit number in different ways
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 10 +
				2.5 Add multiples of 10 to a 2-digit number
				2.3 Partition a 2-digit number in different ways
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 10 +/-
				2.5 Add multiples of 10 to a 2-digit number
				2.3 Partition a 2-digit number in different ways
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 10 +/-
				2.6 Add a single digit number to a 2-digit number using known facts
				2.12 Subtract single digit number from a 2-digit number using known facts
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 20 +
				2.6 Add a single digit number to a 2-digit number using known facts
				2.12 Subtract single digit number from a 2-digit number using known facts
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 20 +/-
				2.6 Add a single digit number to a 2-digit number using known facts
				2.12 Subtract single digit number from a 2-digit number using known facts
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 15 +
				2.11 Subtract multiples of 10 from a 2-digit number
				2.11 Subtract multiples of 10 from a 2-digit number
				Deliberate Practice: Past and Present
				Deliberate Practice: Past and Present
				CanDoBonds 15 +/-



Year 2 Term 3

Term 3. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
04/01/2021	M	Multiplication and Division: Multiplication Tables	TDD		
	T		Build the 2x table and count in steps of 2 from zero		
	W		Recall and use multiplication facts for the 2 times table	2.11 Subtract multiples of 10 from a 2-digit number	Deliberate Practice: Past and Present
	T		Recall and use division facts for the 2 times table	Deliberate Practice: Past and Present	
11/01/2021	F	Multiplication and Division: Multiplication Tables	Recognise and use odd and even numbers	CanDo Tables 2x4	
	M		Build the 10x table and count in steps of 10 from zero	2.7 Use rounding to add near multiples of ten	
	T		Recall and use multiplication facts for the 10 times table	2.15 Use rounding to subtract near multiples of ten	
	W		Recall and use division facts for the 10 times table	Deliberate Practice: Past and Present	
18/01/2021	T	Multiplication and Division: Multiplication Tables	Build the 5x table and count in steps of 5 from zero	Deliberate Practice: Past and Present	
	F		Recall and use multiplication facts for the 5 times table	CanDo Tables 2x6	
	M		Recall and use division facts for the 5 times table	2.7 Use rounding to add near multiples of ten	
	T		Use factor, factor, product relationship to derive multiplication and division statements	2.15 Use rounding to subtract near multiples of ten	
25/01/2021	W	Measurement: Length and Mass	Extra Problem Solving	Deliberate Practice: Past and Present	
	T		Remember This?	Deliberate Practice: Past and Present	
	F		Read scales in divisions of ones and twos,	CanDo Tables 2x8	
	M		Read scales in divisions of fives and tens	2.7 Use rounding to add near multiples of ten	
01/02/2021	T	Measurement: Length and Mass	Measure the mass of objects (kg)	2.15 Use rounding to subtract near multiples of ten	
	W		Measure the mass of objects (g)	Deliberate Practice: Past and Present	
	T		Estimate the mass of objects	Deliberate Practice: Past and Present	
	F		Compare the mass of objects using >, < and =	CanDo Tables 2x7	
08/02/2021	M	Measurement: Length and Mass	Order the mass of objects	2.2 Compare and order numbers to 100	
	T		Measure lengths (m)	2.20 Recognise odd and even numbers	
	W		Measure lengths (cm)	Deliberate Practice: Past and Present	
	T		Estimate lengths	Deliberate Practice: Past and Present	
08/02/2021	F	Measurement: Length and Mass	Compare lengths using >, < and =	CanDo Tables 2x9	
	M		Order lengths	2.2 Compare and order numbers to 100	
	T		Measure heights (cm)	2.20 Recognise odd and even numbers	
	W		Estimate heights	Deliberate Practice: Past and Present	
08/02/2021	T	Measurement: Length and Mass	Compare heights using >, < and =	Deliberate Practice: Past and Present	
	F		End of Term Assessment: Remember It	CanDo Tables 2x12	
Half Term					



Year 2 Term 4

Term 4. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24	
22/02/2021	M	Fractions	Recognise one third as one of three equal parts of a shape and use fraction notation	10 x table facts	2.14 Partition the second number to subtract tens then ones	
	T		Find 1/3 of objects		2.19 Double Numbers	
	W		Find 1/3 of an amount		Deliberate Practice: Past and Present	
	T		Recognise two quarters as two of four equal parts, or two of one quarter of a shape and use fraction notation		Deliberate Practice: Past and Present	
	F		Find 2/4 of objects		CanDo Tables 6 x 10	
01/03/2021	M	Fractions	Find 2/4 of an amount		10 x table facts	2.14 Partition the second number to subtract tens then ones
	T		Recognise that a half is equivalent to two quarters			2.19 Double Numbers
	W		Recognise three quarters as three of four equal parts, or three of one quarter of a shape and use fraction notation			Deliberate Practice: Past and Present
	T		Find 3/4 of objects			Deliberate Practice: Past and Present
	F		Find 3/4 of an amount			CanDo Tables 7 x 10
08/03/2021	M	Measurement: Time	Extra Problem Solving	10 x table facts		2.14 Partition the second number to subtract tens then ones
	T		Tell the time using quarter past the hour on an analogue clock			2.19 Double Numbers
	W		Tell the time using quarter to the hour on an analogue clock			Deliberate Practice: Past and Present
	T		Draw the hands on a clock to show quarter past/to the hour on an analogue clock			Deliberate Practice: Past and Present
	F		Know and use the fact that there are 60 minutes in 1 hour			CanDo Tables 8 x 10
15/03/2021	M	Measurement: Time	Tell the time to five minute intervals past the hour on an analogue clock		10 x table facts	2.9 Partition the second number to add tens then ones
	T		Draw the hands on a clock to show five minute intervals past the hour on an analogue clock			2.22 Halve numbers
	W		Tell the time to five minute intervals to the hour on an analogue clock			Deliberate Practice: Past and Present
	T		Draw the hands on a clock to show five minute intervals to the hour on an analogue clock			Deliberate Practice: Past and Present
	F		Order or sequence intervals of time, including the fact that there are 24 hours in one day			CanDo Tables 9 x 10
22/03/2021	M	Measurement: Money	Combine £1, £2, £5 and £10 use the symbol for pounds (£)	5 x table facts		2.9 Partition the second number to add tens then ones
	T		Find the sum of different amounts of pounds			2.22 Halve numbers
	W		Combine 1p, 2p and 5p coins to make different totals			Deliberate Practice: Past and Present
	T		Combine 10p, 20p and 50p coins to make different totals			Deliberate Practice: Past and Present
	F		Find the sum of different amounts of pence			CanDo Tables 3 x 5
29/03/2021	M	Measurement: Money	Find different combinations of coins that equal the same amounts of money		5 x table facts	2.9 Partition the second number to add tens then ones
	T		Calculate change from 50p			2.22 Halve numbers
	W		Calculate change from £1			Deliberate Practice: Past and Present
	T		<i>End of Term Assessment: Remember It</i>			Deliberate Practice: Past and Present
	F		Good Friday			CanDo Tables 4 x 5
Easter Break						



Year 2 Term 5

Term 5. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24	
19/04/2021	M	Statistics	Interpret a table		5 x table facts	2.10 Use known facts to 10 to derive other facts
	T		Construct a tally chart			
	W		Interpret a pictogram where the symbol represents a single item			
	T		Construct a pictogram where the symbol represents a single item			
	F		Interpret a pictogram where the symbol represents 2 items			
26/04/2021	M	Statistics	Construct a pictogram where the symbol represents 2 items	5 x table facts	2.10 Use known facts to 10 to derive other facts	2.21 Solve multiplication problems
	T		Interpret a pictogram where the symbol represents 5 or 10 items			
	W		Construct a pictogram where the symbol represents 5 or 10 items			
	T		Interpret a block diagram			
	F		Construct a block diagram			
03/05/2021	M	Statistics	Bank Holiday	5 x table facts	2.21 Solve multiplication problems	Deliberate Practice: Past and Present
	T		Extra Problem Solving			
	W		Extra Problem Solving			
	T		Extra Problem Solving			
	F		Extra Problem Solving			
10/05/2021	M	Measurement: Capacity and Temperature	Measure capacity using litres	5 x table facts	2.13 Find the difference between two numbers	2.23 Use sharing to solve division problems
	T		Measure capacity using millilitres			
	W		Estimate capacity using litres			
	T		Estimate capacity using millilitres			
	F		Compare capacity, > and <			
17/05/2021	M	Measurement: Capacity and Temperature	Order capacities	5 x table facts	2.13 Find the difference between two numbers	2.23 Use sharing to solve division problems
	T		Measure temperature			
	W		Extra Problem Solving			
	T		Extra Problem Solving			
	F		End of Term Assessment: Remember It			
24/05/2021	M	Solving Problems	Extra Problem Solving	5 x table facts	Deliberate Practice: Past and Present	Deliberate Practice: Past and Present
	T		Extra Problem Solving			
	W		Extra Problem Solving			
	T		Extra Problem Solving			
	F		Extra Problem Solving			
Half Term						



Year 2 Term 6

Term 6. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check
07/06/2021	M	Place Value: Securing Y2	Remember This? Lessons to secure: recognise the place value of each digit in a two-digit number (tens, ones) identify, represent and estimate numbers using different representations, including the number line	2.13 Find the difference between two numbers 2.23 Use sharing to solve division problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 2x3
	T			
	W			
	F			
14/06/2021	M	Place Value: Securing Y2	Lessons to secure: compare and order numbers from 0 up to 100; use <, > and = signs read and write numbers to at least 100 in numerals and in words use place value and number facts to solve problems.	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve division problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 2x5
	T			
	W			
	F			
21/06/2021	M	Addition and Subtraction: Securing Y2	Lessons to secure: solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve division problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 2x11
	T			
	W			
	F			
28/06/2021	M	Addition and Subtraction: Securing Y2	add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve division problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 5 x 11
	T			
	W			
	F			
05/07/2021	M	Multiplication and Division: Securing Y2	Lessons to secure: recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\hat{\cdot}$), division ($\hat{\div}$) and equals (=) signs show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	2.1 Explain about tens and ones in 2-digit numbers 2.9 Partition and recombine to add Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 5 x 12
	T			
	W			
	F			
12/07/2021	M	Multiplication and Division: Securing Y2	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.	2.1 Explain about tens and ones in 2-digit numbers 2.9 Partition and recombine to add Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDo Tables 10 x 11
	T			
	W			
	F			
19/07/2021	M	Multiplication and Division: Securing Y2	TDD	2.1 Explain about tens and ones in 2-digit numbers 2.9 Partition and recombine to add Deliberate Practice: Past and Present
	T			
	W			
	F			
Summer Holiday				