



# Year 4

## 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 4 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	3 x table facts	ArithmeCheck 3
	T		Remember This?		
	W		Represent 4-digit numbers		
	F		Recognise the value of digits in 4-digit numbers		
07/09/2020	T	Number and Place Value	Read 4-digit numbers in words and write using numerals	3 x table facts	3.1 Compare and order numbers up to 1000 and position them on a number line
	W		Read 4-digit numbers in words and write using numerals including zero as a place holder		
	T		Read 4-digit numbers in numerals and write in words, including zero as a place holder		
	F		Identify 4-digit numbers on a number line		
14/09/2020	M	Number and Place Value	Represent 4-digit numbers on a number line	4 x table facts	3.2 Use place value to find 10 and 100 more or less than 3-digit numbers
	T		Count in multiples of 25 from zero		
	W		Count up in multiples of 1000 from any number		
	F		Find 1000 more than a given number		
21/09/2020	T	Number and Place Value	Find 1000 less than a given number	4 x table facts	3.7 Use rounding to add near multiples of 10
	W		Compare two 4-digit numbers		
	T		Order 4-digit numbers with different thousands		
	F		Order 4-digit numbers with the same thousands		
28/09/2020	M	Number and Place Value	Round 2-digit numbers to the nearest 10	4 x table facts	3.11 Use rounding to subtract a near multiple of 10
	T		Round 3-digit numbers to the nearest 10		
	W		Round 4-digit numbers to the nearest 10		
	F		Round 3-digit numbers to the nearest 100		
05/10/2020	M	Geometry: Properties of Shapes	Round 3 and 4-digit numbers to the nearest 100	8 x table facts	3.5 Partition the second number to add 10s then 1s including bridging
	T		Round 4-digit numbers to the nearest 1000		
	W		Count backwards through zero to include negative numbers		
	F		Read Roman numerals to 100		
12/10/2020	M	Geometry: Properties of Shapes	Extra Problem Solving	8 x table facts	3.1 Partition the second number to subtract 10s then 1s including bridging
	T		Identify and describe an equilateral triangle		
	W		Identify and describe an isosceles triangle		
	F		Identify and describe a scalene triangle		
19/10/2020	T	Geometry: Properties of Shapes	Identify and describe a parallelogram	8 x table facts	3.9 Subtract numbers by finding the difference between them
	W		Identify and describe a rhombus		
	T		Identify and describe a trapezium		
	F		Identify and describe a kite		
			Classify 2D shapes		
			Identify lines of symmetry of a 2D shape		
			Identify a line of symmetry of a pattern and for a diagram of a reflection		
			Use a line of symmetry to produce a symmetrical pattern		
			Use a line of symmetry to complete a symmetrical shape		
			Extra Problem Solving		
			End of Term Assessment: Remember It		
<b>Half Term</b>					



# Year 4 Term 2

Term 2. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check
02/11/2020	M	<b>Multiplication and Division: Multiplication Tables</b> 	Remember This?"	
	T		Build the 6x table and count in steps of 6 and multiples of 6 from zero	
	W		Recall and use multiplication facts for the 6 times table	
	T		Recall and use division facts for the 6 times table	
09/11/2020	F	<b>Multiplication and Division: Multiplication Tables</b>	Build the 9x table and count in steps of 9 and multiples of 9 from zero	
	M		Recall and use multiplication facts for the 9 times table	
	T		Recall and use division facts for the 9 times table	
	W		Build the 7x table and count in steps of 7 and multiples of 7 from zero	
16/11/2020	T	<b>Multiplication and Division</b>	Recall and use multiplication facts for the 7 times table	
	W		Recall and use division facts for the 7 times table	
	T		Recall and use multiplication facts for the 7 times table	
	F		Recall and use division facts for the 7 times table	
23/11/2020	M	<b>Addition and Subtraction: Mental Methods Addition</b>	Know and use the effect of multiplying by 0	
	T		Know and use the effect of multiplying by 1	
	W		Know and use the effect of dividing by 1	
	T		Extra Problem Solving	
30/11/2020	F	<b>Addition and Subtraction: Mental Methods Addition</b>	Remember This?"	
	M		Add ones to 4-digit numbers (where the thousands change)	
	T		Add tens to 4-digit numbers (where the hundreds change)	
	W		Add tens to 4-digit numbers (where the thousands change)	
07/12/2020	T	<b>Addition and Subtraction: Mental Methods Subtraction</b>	Add hundreds to 4-digit numbers (where the thousands change)	
	W		Add 3-digit number to 4-digit number using rounding to the nearest hundred and then compensating	
	T		Add two 4-digit numbers using rounding to the nearest thousand and then compensating	
	F		Add two 3-digit numbers where the sum exceeds 1000, choosing an efficient mental strategy	
14/12/2020	M	<b>Addition and Subtraction: Mental Methods Subtraction</b>	Extra Problem Solving	
	T		Remember This?"	
	W		Subtract ones from 4-digit number (where the hundreds change)	
	F		Subtract ones from 4-digit number (where the thousands change)	
Christmas break	T	<b>Addition and Subtraction: Mental Methods Subtraction</b>	Subtract tens from 4-digit number (where the hundreds change)	
	W		Subtract tens from 4-digit number (where the thousands change)	
	T		Subtract hundreds from 4-digit number (where the thousands change)	
	F		Subtract 3-digit number from 4-digit number using rounding to the nearest hundred and then compensating	
Christmas break	M	<b>Addition and Subtraction: Mental Methods Subtraction</b>	Subtract 4-digit number from a 4-digit number using rounding to the nearest thousand and then compensating	
	T		Subtract by finding the difference between two 4-digit numbers by counting on	
	W		Extra Problem Solving	
	F		Extra Problem Solving	
End of Term Assessment: Remember It				CanDoTables 6x3
Christmas break				3.18 Multiply numbers by 10 using place value
Christmas break				3.18 Multiply numbers by 10 using place value
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x3
Christmas break				3.22 Divide whole numbers by 10 using place value
Christmas break				3.22 Divide whole numbers by 10 using place value
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x4
Christmas break				3.19 Multiply numbers by a multiple of 10 using place value
Christmas break				3.19 Multiply numbers by a multiple of 10 using place value
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x6
Christmas break				3.23 Divide whole numbers by a multiple of 10 using place value
Christmas break				3.23 Divide whole numbers by a multiple of 10 using place value
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x7
Christmas break				3.20 Use partitioning and known facts to multiply 2-digit by 1-digit numbers
Christmas break				3.24 Use partitioning and known facts to divide 2-digit by 1-digit numbers
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x8
Christmas break				3.17 Double 3-digit numbers
Christmas break				3.17 Double 3-digit numbers
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x9
Christmas break				3.21 Halve 3-digit numbers
Christmas break				3.21 Halve 3-digit numbers
Christmas break				Deliberate Practice: Past and Present
Christmas break				Deliberate Practice: Past and Present
Christmas break				CanDoTables 6x12



# Year 4 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		7 x tables facts
	T		Remember This?	4.3 Round numbers to the nearest 10, 100 or 1000	
	W		Build the 11x table and count in steps of 11 from zero	Deliberate Practice: Past and Present	
	T		Recall and use multiplication facts for the 11 times table	Deliberate Practice: Past and Present	
05/01/2021	F	Multiplication and Division: Multiplication Tables	Recall and use division facts for the 11 times table	7 x tables facts	CanDoTables 7x3
	M		Build the 12x table and count in steps of 12 from zero		4.13 Recall and use facts for the 6x table
	T		Recall and use multiplication facts for the 12 times table		4.3 Round numbers to the nearest 10, 100 or 1000
	W		Recall and use division facts for the 12 times table		Deliberate Practice: Past and Present
18/01/2021	T	Addition and Subtraction: Written Methods Addition	Use knowledge of factor pairs (commutativity) when multiplying mentally three numbers together, such as $2 \times 6 \times 5 = 10 \times 6 = 60$	7 x tables facts	Deliberate Practice: Past and Present
	F		Extra Problem solving		Deliberate Practice: Past and Present
	M		Remember This?		CanDoTables 7x4
	T		Add two 4-digit numbers, no regrouping		4.13 Recall and use facts for the 6x table
25/01/2021	W	Addition and Subtraction: Written Methods Addition	Use column addition for two 4-digit numbers when regrouping is required in the ones column	7 x tables facts	4.3 Round numbers to the nearest 10, 100 or 1000
	T		Use column addition for two 4-digit numbers when regrouping is required in the tens column		Deliberate Practice: Past and Present
	W		Use column addition for two 4-digit numbers when regrouping is required in the hundreds column		Deliberate Practice: Past and Present
	T		Use column addition for two 4-digit numbers when regrouping is required in multiple columns		CanDoTables 7x6
01/02/2021	F	Addition and Subtraction: Written Methods Subtraction	Use column addition for two 3-digit numbers where the sum exceeds 1000	7 x tables facts	4.13 Recall and use facts for the 6x table
	M		Use column addition for 4-digit and 3-digit numbers when regrouping is required in multiple columns		4.1 Order numbers beyond 1000
	T		Use column addition for 4-digit and 2-digit numbers when regrouping is required in multiple columns		Deliberate Practice: Past and Present
	W		Use column addition for 4-digit and 2-digit numbers when regrouping is required in multiple columns		Deliberate Practice: Past and Present
08/02/2021	F	Addition and Subtraction: Written Methods Subtraction	Extra Problem solving	7 x tables facts	CanDoTables 7x7
	M		Remember This?		4.17 Recall and use facts for the 7x table
	T		Subtract a 4-digit number from a 4-digit number, no exchanging		4.1 Order numbers beyond 1000
	W		Use column subtraction for 4-digit numbers when exchanging is required in the tens column		Deliberate Practice: Past and Present
	T	Addition and Subtraction: Written Methods Subtraction	Use column subtraction for 4-digit numbers when exchanging is required in the hundreds column	7 x tables facts	Deliberate Practice: Past and Present
	F		Use column subtraction for 4-digit numbers when exchanging is required in the thousands column		Deliberate Practice: Past and Present
	M		Use column subtraction for 4-digit numbers when exchanging is required in multiple columns		CanDoTables 7x8
	T		Use column subtraction for 4-digit and 3-digit numbers when exchanging is required in multiple columns		4.17 Recall and use facts for the 7x table
	W	Addition and Subtraction: Written Methods Subtraction	Use column subtraction for 4-digit and 3-digit numbers when exchanging is required in multiple columns	7 x tables facts	4.1 Order numbers beyond 1000
	T		Use column subtraction for 4-digit and 2-digit numbers when exchanging is required in multiple columns		Deliberate Practice: Past and Present
	F		Extra Problem solving		Deliberate Practice: Past and Present
	M		End of Term Assessment: Remember It		CanDoTables 7x9
Half Term					



# Year 4 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	Multiplication and Division	Remember This?	9 x tables facts	4.8 Choose appropriate methods to add
	T		Multiply 1-digit numbers by multiples of 10 using place value (6, 7, 9)		4.18 Double and halve numbers
	W		Use the distributive law to multiply a two-digit number by a one-digit number (6, 7, 9)		Deliberate Practice: Past and Present
	T		Multiply 2-digit number by a 1-digit number using a formal written method (6, 7, 9)		Deliberate Practice: Past and Present
01/03/2021	F	Multiplication and Division	Multiply 1 and 2-digit numbers by 100	9 x tables facts	CanDoTables 9 x 6
	M		Multiply 3-digit number by a 1 digit number using a formal written method (regroup ones)		4.8 Choose appropriate methods to add
	T		Multiply 3-digit number by a 1 digit number using a formal written method (regroup tens)		4.18 Double and halve numbers
	W		Multiply 3-digit number by a 1 digit number using a formal written method (regroup hundreds)		Deliberate Practice: Past and Present
08/03/2021	T	Multiplication and Division	Multiply 3-digit number by a 1 digit number using a formal written method (multiple regroup)	9 x tables facts	Deliberate Practice: Past and Present
	F		Divide multiples of ten by 10		CanDoTables 9 x 7
	M		Divide multiples of a hundred by 100		4.8 Choose appropriate methods to add
	T		Use known facts and place value when dividing mentally e.g. $120 \div 6$ , $1200 \div 6$ , $1320 \div 12$		4.18 Double and halve numbers
15/03/2021	W	Multiplication and Division	Divide near multiples by 6, 7, 9, 11 and 12 with remainders	9 x tables facts	Deliberate Practice: Past and Present
	T		Divide 3-digit number by a single digit number using partitioning and place value		Deliberate Practice: Past and Present
	F		Use written method to divide a 3-digit number by a single digit number (hundreds = multiple of divisor, tens > divisor) with no remainder		CanDoTables 9 x 8
	M		Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, one exchange) with no remainder		4.12 Choose appropriate methods to subtract
22/03/2021	T	Geometry: Properties of Shapes (Angles)	Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, two exchanges) with no remainder	12 x tables facts	4.24. Divide 3 digit numbers by 1 digit numbers
	W		Use written method to divide a 3-digit number by a single digit number (hundreds < divisor) with no remainder		Deliberate Practice: Past and Present
	T		Extra Problem Solving		Deliberate Practice: Past and Present
	F		Extra Problem Solving		CanDoTables 9 x 9
29/03/2021	M	Geometry: Properties of Shapes (Angles)	Remember This?	12 x tables facts	4.12 Choose appropriate methods to subtract
	T		Identify acute angles		4.24. Divide 3 digit numbers by 1 digit numbers
	W		Identify obtuse angles		Deliberate Practice: Past and Present
	T		Identify acute angles in shapes		Deliberate Practice: Past and Present
29/03/2021	F	Geometry: Properties of Shapes (Angles)	Identify obtuse angles in shapes	12 x tables facts	CanDoTables 12 x 12
	M		Compare angles up to two right angles in size		4.12 Choose appropriate methods to subtract
	T		Order angles up to two right angles in size		4.24. Divide 3 digit numbers by 1 digit numbers
	W		Extra Problem Solving		Deliberate Practice: Past and Present
29/03/2021	T	Geometry: Properties of Shapes (Angles)	End of Term Assessment: Remember It!	12 x tables facts	Deliberate Practice: Past and Present
	F		Good Friday		Deliberate Practice: Past and Present
Easter Break					





# Year 4 Term 6

Term 6. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check
24/05/2021	M	<b>Addition and Subtraction: Decimals</b> (In 2020-2021 to be taught in the last week of term 5)	Use mental strategies to add numbers with 1 dp	<b>Maths on Track: Deliberate Practice</b> <b>Suggested focus based on the</b> <b>ArithmeKit Magic 24</b>
	T		Use mental strategies to add numbers with 2 dp	
	W		Use columnar addition for numbers with 2 decimal places with regrouping (carrying) required	
	T		Use mental strategies to subtract numbers with 1 dp	
07/06/2021	F	Use mental strategies to subtract numbers with 2 dp	4.2 Order decimal numbers and position them on a number line	
	M	<b>Measurement: Time and Converting Units</b>	Use columnar subtraction for numbers with 2 decimal places with exchanging required	
	T		Extra Problem Solving	
	W		Read digital 24-hour clocks and write in words	
T	Convert between 12-hour analogue time and 24-hour notation			
14/06/2021	F	Convert times between 24-hour notation and 12-hour analogue time	4.22 Divide whole numbers and decimals by 100	
	M	<b>Measurement: Time and Converting Units</b>	Convert from hours to minutes	
	T		Convert from weeks to days	
	W		Convert from years to months	
T	Convert from litres to millilitres			
21/06/2021	F	Convert from kilograms to grams	Deliberate Practice: Past and Present	
	M	<b>Measurement: Perimeter and Area</b>	Convert from kilometres to metres	
	T		Measure and calculate the perimeter of 2D shapes when dimensions are unknown	
	W		Calculate the perimeter of rectangles (including squares) when dimensions are known	
T	Calculate the perimeter of other rectilinear shapes when dimensions are known			
28/06/2021	F	Find the area of rectangles (including squares) by counting squares	CanDoTables 7x5	
	M	<b>Geometry: Position and Direction</b>	Find the area of other rectilinear shapes by counting squares	
	T		Extra Problem Solving	
	W		Use coordinates to describe the position of a point in the first quadrant	
T	Plot points in the first quadrant using co-ordinates			
05/07/2021	F	Use coordinates to plot a set of points to construct a polygon	4.5 Use number facts to add	
	M	<b>Geometry: Position and Direction</b>	Describe movements between positions as translations of a given unit to the left/right	
	T		Describe movements between positions as translations of a given unit to the up/down	
	W		Describe movements between positions as translations of a given unit to the left/right and up/down	
T	Extra Problem Solving			
12/07/2021	F	Remember This?	4.22 Deliberate Practice: Past and Present	
	M	<b>Statistics</b>	Interpret bar charts with different scales on the frequency axis	
	T		Construct a bar chart with different scales on the frequency axis	
	W		Interpret a time graph	
T	Construct a time graph			
19/07/2021	F	Extra Problem Solving	CanDoTables 7x12	
	M	<b>Statistics</b>	Extra Problem Solving	
	T		Extra Problem Solving	
	W		End of Term Assessment: Remember It	
T	TDD			
	F	TDD	CanDoTables 9 x 4	
Summer Holiday				4.5 Use number facts to add
			4.22 Divide whole numbers and decimals by 100	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	
			CanDoTables 9 x 12	
			4.10 Find the difference between two numbers	
			4.6 Round and adjust to add numbers	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	
			CanDoTables 12 x 6	
			4.10 Find the difference between two numbers	
			4.6 Round and adjust to add numbers	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	
			CanDoTables 12 x 3	
			4.10 Find the difference between two numbers	
			4.6 Round and adjust to add numbers	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	
			CanDoTables 12 x 4	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	
			Deliberate Practice: Past and Present	