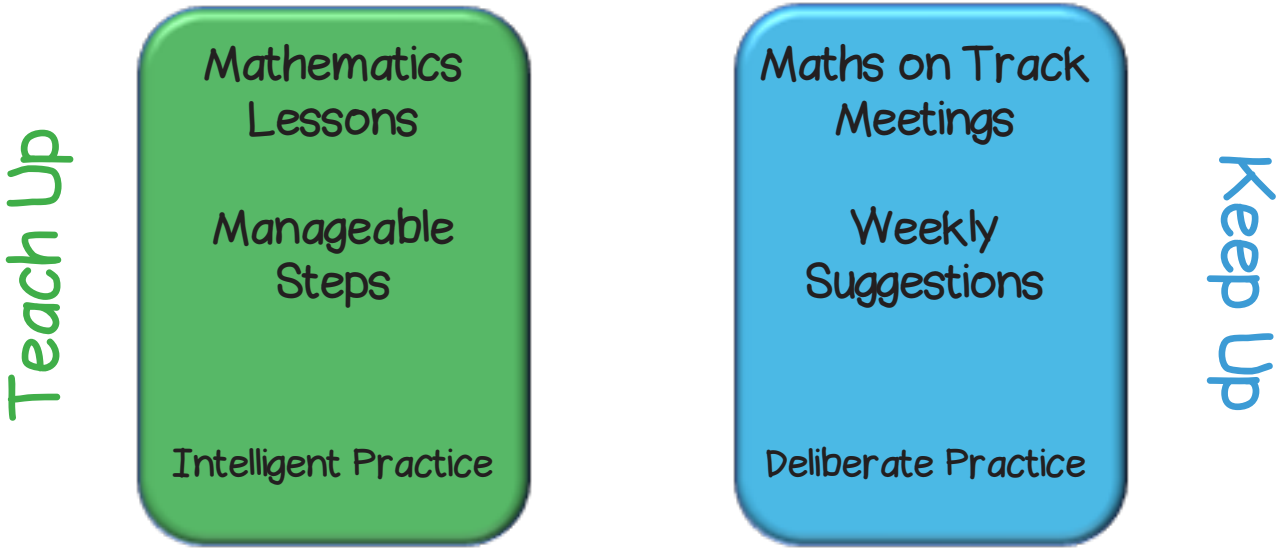
Year 4

Termly Plans
Academic Year 2021 - 2022



Introduction

This termly plan has been carefully designed to support you to plan for successful learning of the year's maths from the National Curriculum.
The green sections provide the maths curriculum broken down into manageable steps
Manageable to teach and manageable to learn.
The blue lessons of 'Remember This' and 'Extra Problem Solving' provide flexibility within the timing of the plan for you to make decisions for your own class.
Remember It at the end of each term is a session to check the learning that has taken plave during the term using the CanDoMaths Remember It for that term.

The second section on each termly plan, in blue, sets out a suggested structure for the second maths session each day - an essential element in the CanDoMaths curriculum plan.
The content on Monday and Tuesday is based on the Magic 24 from the ArithmeKit which is a separate resource that can be used to support your planning. The Magic 24 are key elements of arithmetic to secure during the year.
In your Wednesday and Thursday maths meetings it is sugggetsed that you use deliberate practice to secure sustainable progress - based on past an present learning. You may want to use CanDoMaths Deliberate Practcie and Retrieve It resources to support your planning for these sessions.
The bright pink fact column suggests a number fact to prioiritise throughout the week and Friday is suggested as an opportunity to really hit a number fact hard. CanDoBonds, CanDoTables and CanDo21 are additional resources that would support your planning of these sessions.

Year 4 Term 1

Term 1 W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
02/09/2021	T	KPI 1	4NPV-1, 2	Number and Place Value	TDD		
	F				Represent 4-digit numbers		CanDoTables 3x7
06/09/2021	M			Number and Place Value	Recognise the value of digits in 4-digit numbers	3 x table facts	ArithmeCheck 3
	T				Read 4-digit numbers in words and write using numerals		3.1 Compare and order numbers up to 1000 and position them on a number line
	W				Read 4-digit numbers in numerals and write in words		Deliberate Practice: Past and Present
	T				Read 4-digit numbers in words and write using numerals including zero as a place holder		Deliberate Practice: Past and Present
	F				Read 4-digit numbers in numerals and write in words, including zero as a place holder		CanDoTables 3x8
13/09/2021	M			Number and Place Value	Identify 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				Represent 4-digit numbers on a number line		3.2 Use place value to find 10 and 100 more or less than 3-digit numbers
	W				Count in multiples of 25 from zero		Deliberate Practice: Past and Present
	T				Count up in multiples of 1000 from any number		Deliberate Practice: Past and Present
	F				Find 1000 more than a given number		CanDoTables 4x6
20/09/2021	M	KPI 2	4NPV-3	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
	T				Compare two 4-digit numbers		3.7 Use rounding to add near multiples of 10
	W				Order 4-digit numbers with different thousands		Deliberate Practice: Past and Present
	T				Order 4-digit numbers with the same thousands		Deliberate Practice: Past and Present
	F				Round 2-digit numbers to the nearest 10		CanDoTables 4x7
27/09/2021	M	KPI 3	4NPV-3	Number and Place Value	Round 3-digit numbers to the nearest 10	4 x table facts	3.11 Use rounding to subtract a near multiple of 10
	T				Round 4-digit numbers to the nearest 10		3.11 Use rounding to subtract a near multiple of 10
	W				Round 3-digit numbers to the nearest 100		Deliberate Practice: Past and Present
	T				Round 3 and 4-digit numbers to the nearest 100		Deliberate Practice: Past and Present
	F				Round 4-digit numbers to the nearest 1000		CanDoTables 4x8
04/10/2021	M	KPI 4	4G-3	Geometry: Properties of Shapes	Count backwards through zero to include negative numbers	8 x table facts	3.5 Partition the second number to add 10s then 1s including bridging
	T				Read Roman numerals to 100		3.5 Partition the second number to add 10s then 1s including bridging
	W				Identify and describe an equilateral triangle		Deliberate Practice: Past and Present
	T				Identify and describe an isosceles triangle		Deliberate Practice: Past and Present
	F				Identify and describe a scalene triangle		CanDoTables 8x6
11/10/2021	M			Geometry: Properties of Shapes	Identify and describe a parallelogram	8 x table facts	3.1 Partition the second number to subtract 10s then 1s including bridging
	T				Identify and describe a rhombus		3.1 Partition the second number to subtract 10s then 1s including bridging
	W				Identify and describe a trapezium		Deliberate Practice: Past and Present
	T				Identify and describe a kite		Deliberate Practice: Past and Present
	F				Classify 2D shapes		CanDoTables 8x7
18/10/2021	M			Geometry: Properties of Shapes	Identify lines of symmetry of a 2D shape	8 x table facts	3.9 Subtract numbers by finding the difference between them
	T				Identify a line of symmetry of a pattern and for a diagram of a reflection		3.9 Subtract numbers by finding the difference between them
	W				Use a line of symmetry to produce a symmetrical pattern		Deliberate Practice: Past and Present
	T				Use a line of symmetry to complete a symmetrical shape		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 1*		CanDoTables 8x8
Half Term							

Year 4 Term 2

Term 2. W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
01/11/2021	M	KPI 6, 7, 20	4NF-1	Multiplication and Division: Multiplication Tables	Remember This?	6 x tables facts	3.18 Multiply numbers by 10 using place value
	T				Build the 6x table and count in steps of 6 and multiples of 6 from zero		3.18 Multiply numbers by 10 using place value
	W				Recall and use multiplication facts for the 6 times table		Deliberate Practice: Past and Present
	T				Recall and use division facts for the 6 times table		Deliberate Practice: Past and Present
	F				Build the 9x table and count in steps of 9 and multiples of 9 from zero		CanDoTables 6x3
08/11/2021	M			Multiplication and Division: Multiplication Tables	Recall and use multiplication facts for the 9 times table	6 x tables facts	3.22 Divide whole numbers by 10 using place value
	T				Recall and use division facts for the 9 times table		3.22 Divide whole numbers by 10 using place value
	W				Build the 7x table and count in steps of 7 and multiples of 7 from zero		Deliberate Practice: Past and Present
	T				Recall and use multiplication facts for the 7 times table		Deliberate Practice: Past and Present
	F				Recall and use division facts for the 7 times table		CanDoTables 6x4
15/11/2021	M			Multiplication and Division	Know and use the effect of multiplying by 0	6 x tables facts	3.19 Multiply numbers by a multiple of 10 using place value
	T				Know and use the effect of multiplying by 1		3.19 Multiply numbers by a multiple of 10 using place value
	W				Know and use the effect of dividing by 1		Deliberate Practice: Past and Present
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				Remember This?		CanDoTables 6x6
22/11/2021	M	KPI 5	4NF-3	Addition and Subtraction: Mental Methods Addition	Add ones to 4-digit numbers (where the thousands change)	6 x tables facts	3.23 Divide whole numbers by a multiple of 10 using place value
	T				Add tens to 4-digit numbers (where the hundreds change)		3.23 Divide whole numbers by a multiple of 10 using place value
	W				Add tens to 4-digit numbers (where the thousands change)		Deliberate Practice: Past and Present
	T				Add hundreds to 4-digit numbers (where the thousands change)		Deliberate Practice: Past and Present
	F				Add 3-digit number to 4-digit number using rounding to the nearest hundred and then compensating		CanDoTables 6x7
29/11/2021	M			Addition and Subtraction: Mental Methods Addition	Add two 4-digit numbers using rounding to the nearest thousand and then compensating	6 x tables facts	3.20 Use partitioning and known facts to multiply 2-digit by 1-digit numbers
	T				Add two 3-digit numbers where the sum exceeds 1000, choosing an efficient mental strategy		3.24 Use partitioning and known facts to divide 2-digit by 1-digit numbers
	W				Extra Problem Solving		Deliberate Practice: Past and Present
	T				Remember This?"		Deliberate Practice: Past and Present
	F				Subtract ones from 4-digit number (where the hundreds change)		CanDoTables 6x8
06/12/2021	M	KPI 8	4NF-3	Addition and Subtraction:Mental Methods Subtraction	Subtract ones from 4-digit number (where the thousands change)	6 x tables facts	3.17 Double 3-digit numbers
	T				Subtract tens from 4-digit number (where the hundreds change)		3.17 Double 3-digit numbers
	W				Subtract tens from 4-digit number (where the thousands change)		Deliberate Practice: Past and Present
	T				Subtract hundreds from 4-digit number (where the thousands change)		Deliberate Practice: Past and Present
	F				Subtract 3-digit number from 4-digit number using rounding to the nearest hundred and then compensating		CanDoTables 6x9
13/12/2021	M			Addition and Subtraction:Mental Methods Subtraction	Subtract 4-digit number from a 4-digit number using rounding to the nearest thousand and then compensating	6 x tables facts	3.21 Halve 3-digit numbers
	T				Subtract by finding the difference between two 4-digit numbers by counting on		3.21 Halve 3-digit numbers
	W				Extra Problem Solving		Deliberate Practice: Past and Present
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 2*		CanDoTables 6x12

Year 4 Term 3

Term 3. W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
04/01/2022	M	KPI 9, 10, 20	4NF-1	Multiplication and Division: Multiplication Tables			
	T				Remember This?	7 x tables facts	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
	F				Recall and use division facts for the 11 times table		CanDoTables 7x3
10/01/2022	M			Multiplication and Division: Multiplication Tables	Build the 12x table and count in steps of 12 from zero	7 x tables facts	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
	T				Use knowledge of factor pairs (commutativity) when multiplying mentally three numbers together, such as 2 x 6 x 5 = 10 x 6 = 60		Deliberate Practice: Past and Present
	F				Extra Problem solving		CanDoTables 7x4
17/01/2022	M	KPI 11	3AS-3, 3NF-3	Addition and Subtraction: Written Methods Addition	Extra Problem solving	7 x tables facts	4.13 Recall and use facts for the 6x table
	T				Extra Problem solving		4.3 Round numbers to the nearest 10, 100 or 1000
	W				Remember This?		Deliberate Practice: Past and Present
	T				Add two 4-digit numbers, no regrouping		Deliberate Practice: Past and Present
	F				Use column addition for two 4-digit numbers when regrouping is required in the ones column		CanDoTables 7x6
24/01/2022	M			Addition and Subtraction: Written Methods Addition	Use column addition for two 4-digit numbers when regrouping is required in the tens column	7 x tables facts	4.13 Recall and use facts for the 6x table
	T				Use column addition for two 4-digit numbers when regrouping is required in the hundreds column		4.1 Order numbers beyond 1000
	W				Use column addition for two 4-digit numbers when regrouping is required in multiple columns		Deliberate Practice: Past and Present
	T				Use column addition for two 3-digit numbers where the sum exceeds 1000		Deliberate Practice: Past and Present
	F				Use column addition for 4-digit and 3-digit numbers when regrouping is required in multiple columns		CanDoTables 7x7
31/01/2022	M			Addition and Subtraction: Written Methods Subtraction	Use column addition for 4-digit and 2-digit numbers when regrouping is required in multiple columns	7 x tables facts	4.17 Recall and use facts for the 7x table
	T				Extra Problem solving		4.1 Order numbers beyond 1000
	W				Extra Problem solving		Deliberate Practice: Past and Present
	T				Extra Problem solving		Deliberate Practice: Past and Present
	F				Remember This?		CanDoTables 7x8
07/02/2022	M			Addition and Subtraction: Written Methods Subtraction	Subtract a 4-digit number from a 4-digit number, no exchanging	7 x tables facts	4.17 Recall and use facts for the 7x table
	T				Use column subtraction for 4-digit numbers when exchanging is required in the tens column		4.1 Order numbers beyond 1000
	W				Use column subtraction for 4-digit numbers when exchanging is required in the hundreds column		Deliberate Practice: Past and Present
	T				Use column subtraction for 4-digit numbers when exchanging is required in the thousands column		Deliberate Practice: Past and Present
	F				Use column subtraction for 4-digit numbers when exchanging is required in multiple columns		CanDoTables 7x9
14/02/2022	M			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	4.17 Recall and use facts for the 7x table
	T				Use column subtraction for 4-digit and 2-digit numbers when exchanging is required in multiple columns		4.1 Order numbers beyond 1000
	W				Extra Problem solving		Deliberate Practice: Past and Present
	T				Extra Problem solving		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 3*		CanDoTables 7x9
Half Term							

Year 4 Term 4

Term 4. W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
28/02/2022	M	KPI 12, 13	4MD-3, 5MD-3	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
	F				Multiply 1 and 2-digit numbers by 100		CanDoTables 9 x 6
07/03/2022	M			Multiplication and Division	Multiply 3-digit number by a 1 digit number using a formal written method (regroup ones)	9 x tables facts	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
	T				Multiply 3-digit number by a 1 digit number using a formal written method (multiple regroup)		Deliberate Practice: Past and Present
	F				Divide multiples of ten by 10		CanDoTables 9 x 7
14/03/2022	M	KPI 14, 15	5MD-3	Multiplication and Division	Divide multiples of a hundred by 100	9 x tables facts	4.8 Choose appropriate methods to add
	T				Use known facts and place value when dividing mentally e.g. 120 ÷ 6, 1200÷ 6, 1320÷ 12		4.18 Double and halve numbers
	W				Divide near multiples by 6, 7, 9, 11 and 12 with remainders		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
21/03/2022	M			Multiplication and Division	Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, one exchange) with no remainder	9 x tables facts	4.12 Choose appropriate methods to subtract
	T				Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, two exchanges) with no remainder		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
28/03/2022	M	KPI 16	(3G-1, 4G-2)	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
	F				Identify obtuse angles in shapes		CanDoTables 12 x 12
04/04/2022	M			Geometry: Properties of Shapes (Angles)	Compare angles up to two right angles in size	12 x tables facts	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
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 4*		CanDoTables 12 x 12
Easter Break							

Year 4 Term 5

Term 5. W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
25/04/2022	M			Decimals	Recognise that hundredths arise from dividing a number (or object) into one hundred equal parts and dividing tenths by ten	12 x tables facts	4.19 Use place value and known facts to multiply mentally
	T				Read and represent a number with 2 decimal places		4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficient methods
	W				Count up in hundredths		Deliberate Practice: Past and Present
	T				Count down in hundredths		Deliberate Practice: Past and Present
	F				Divide a one-digit number by 100		CanDoTables 12 x 8
02/05/2022	M	KPI 17	5NPV-1, 2	Decimals	Bank Holiday	12 x tables facts	
	T				Divide a two-digit number by 10		4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficient methods
	W				Divide a two-digit number by 100		Deliberate Practice: Past and Present
	T				Compare numbers with 1 dp		Deliberate Practice: Past and Present
	F				Compare numbers with 2dp		CanDoTables 12 x 7
09/05/2022	M			Decimals	Order numbers with the same number of decimal places	11 x tables facts	4.19 Use place value and known facts to multiply mentally
	T				Round numbers with 1dp to nearest whole number		4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficient methods
	W				Convert from pence to pounds		Deliberate Practice: Past and Present
	T				Convert from pounds to pence		Deliberate Practice: Past and Present
	F				Extra Problem Solving		CanDoTables 12 x 11
16/05/2022	M	KPI 18	4F-3	Fractions:Calculating	Remember This?	11 x tables facts	4.2 Order decimal numbers and position them on a number line
	T				Add fractions with the same denominator within and beyond one whole		4.4 Round numbers with one dp to the nearest whole number
	W				Subtract fractions with the same denominator within and beyond one whole		Deliberate Practice: Past and Present
	T				Calculate a unit fraction of an amount when the answer is a whole number		Deliberate Practice: Past and Present
	F				Calculate a non-unit fraction of an amount when the answer is a whole number		CanDoTables 11 x 11
23/05/2022	M	KPI 19	5F-2	Fractions	Identify equivalent fractions using diagrams	11 x tables facts	4.2 Order decimal numbers and position them on a number line
	T				Find families of equivalent fractions		4.4 Round numbers with one dp to the nearest whole number
	W				Know and use the decimal equivalents to 1/4, 1/2, 3/4		Deliberate Practice: Past and Present
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 5*		CanDoTables 11 x 12
Half Term							

Year 4 Term 6

Term 6. W/c		KPI	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
06/06/2022	M	KPI 21		Addition and Subtraction: Decimals	Use mental strategies to add numbers with 1 dp	7 x tables facts	4.2 Order decimal numbers and position them on a number line
	T				Use mental strategies to add numbers with 2 dp		4.4 Round numbers with one dp to the nearest whole number
	W				Use columnar addition for numbers with 2 decimal places with regrouping (carrying) required		Deliberate Practice: Past and Present
	T				Use mental strategies to subtract numbers with 1 dp		Deliberate Practice: Past and Present
	F				Use mental strategies to subtract numbers with 2 dp		CanDoTables 7x5
13/06/2022	M	KPI 24		Measurement: Time and Converting Units	Use columnar subtraction for numbers with 2 decimal places with exchanging required	7 x tables facts	4.5 Use number facts to add
	T				Extra Problem Solving		4.22 Divide whole numbers and decimals by 100
	W				Convert 12-hour digital time to 24-hour time		Deliberate Practice: Past and Present
	T				Convert from 12-hour analogue time to 24-hour time		Deliberate Practice: Past and Present
	F				Convert from 24-hour time to 12-hour analogue time		CanDoTables 7x12
20/06/2022	M			Measurement: Time and Converting Units	Convert from hours to minutes	9 x tables facts	4.5 Use number facts to add
	T				Convert from weeks to days		4.22 Divide whole numbers and decimals by 100
	W				Convert from years to months		Deliberate Practice: Past and Present
	T				Convert from litres to millilitres		Deliberate Practice: Past and Present
	F				Convert from kilograms to grams		CanDoTables 9 x 4
27/06/2022	M	KPI 22	(5G-2)	Measurement: Perimeter and Area	Convert from kilometres to metres	9 x tables facts	4.5 Use number facts to add
	T				Measure and calculate the perimeter of 2D shapes when dimensions are unknown		4.22 Divide whole numbers and decimals by 100
	W				Calculate the perimeter of rectangles (including squares)		Deliberate Practice: Past and Present
	T				Calculate the perimeter of other rectilinear shapes when dimensions are known		Deliberate Practice: Past and Present
	F				Find the area of rectangles (including squares) by counting squares		CanDoTables 9 x 12
04/07/2022	M	KPI 23	4G-1	Geometry: Position and Direction	Find the area of other rectilinear shapes by counting squares	12 x tables facts	4.10 Find the difference between two numbers
	T				Extra Problem Solving		4.6 Round and adjust to add numbers
	W				Use coordinates to describe the position of a point in the first quadrant		Deliberate Practice: Past and Present
	T				Plot points in the first quadrant using coordinates		Deliberate Practice: Past and Present
	F				Use coordinates to plot a set of points to construct a polygon		CanDoTables 12 x 6
11/07/2022	M			Geometry: Position and Direction	Describe movements between positions as translations of a given unit to the left/right	12 x tables facts	4.10 Find the difference between two numbers
	T				Describe movements between positions as translations of a given unit up/down		4.6 Round and adjust to add numbers
	W				Describe movements between positions as translations of a given unit to the left/right and up/down		Deliberate Practice: Past and Present
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				Remember This?		CanDoTables 12 x 3
18/07/2022	M			Statistics	Interpret bar charts with different scales on the frequency axis	12 x tables facts	4.10 Find the difference between two numbers
	T				Construct a bar chart with different scales on the frequency axis		4.6 Round and adjust to add numbers
	W				Interpret a time graph		Deliberate Practice: Past and Present
	T				Construct a time graph		Deliberate Practice: Past and Present
	F				*End of Term Assessment: Remember It 6*		CanDoTables 12 x 4
Summer Holiday							