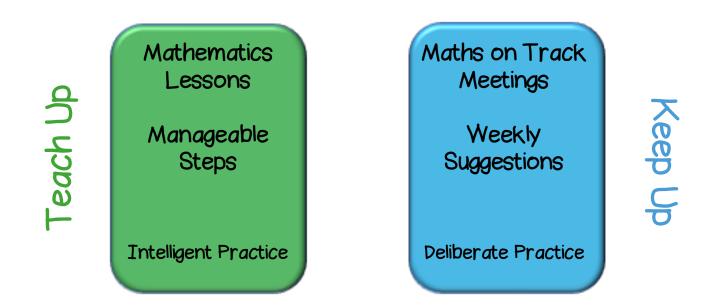




Year 4

Termly Plans Academic Year 2022 - 2023



www.buzzardpublishing.com

Licensed to and for the exclusive use for School organisation_St Mary's Broughton Gifford Primary School



Introduction

This termly plan has two main sections: Maths lessons and Maths on Track meetings.

The Maths lessons have been carefully designed to support you to plan for successful learning of the year's maths based on the National Curriculum. The maths curriculum has been broken down into manageable steps

Manageable to teach and manageable to learn.

The 'Extra Problem Solving' lessons provide flexibility within the timing of the plan for you to make decisions to adopt and adapt the CanDo termly plans to fit your own school calendar. They are an ideal opportunity for children to apply their understanding to new situations or check prerequisite knowledge before starting new learning. The Colin and Coco Challenges within each unit can be used to resource these sessions.

End of Term Assessment: Remember It at the end of each term is a session to check the learning that has taken place during the term using the CanDoMaths Remember It. There are QLA Spreadsheets provided to diagnostically analyse results and inform planning for the next term.

The Maths on Track meetings are an essential element in the CanDoMaths curriculum plan and the blue section provides suggestions for these 'Use It or Lose It' sessions each day:-.

- Monday and Tuesday have an arithmetic focus based on the Magic 24 from the CanDoMaths ArithmeKit.

- Wednesday and Thursday are to deliberately practise past and present learning to secure sustainable progress.

CanDoMaths Deliberate Practice, Retrieve It and KeePuppI workouts provide resources for these sessions.

- Friday is time to really hit a number fact hard. CanDoBonds, CanDoTables and CanDo21 are resources that would support these sessions. Of course Friday is not the only time for number facts so the fact column suggests prioiritising number bonds/tables throughout the week.

The CanDoMaths curriculum has 24 Key Performance Indicators in each year group. The KPI column identifies when the learning is linked to the KPI.

The DFE RTP column links the CanDoMaths KPIs to the DFE Ready to Progress criteria.



Term 1 W/c	KPI Dfe rtp		Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass	Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It
01/09/2022	T	Number and Place	TDD	
	F	Value	Represent 4-digit numbers	CanDoTables 3x7
_	<u>M _ </u>	-	Recognise the value of digits in 4-digit numbers	Ready to Progress Paper 1
		Number and Place	Read 4-digit numbers in words and write using numerals	Ready to Progress Paper 2
05/09/2022	W N N	Value	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
	M		Identify 4-digit numbers on a number line	3.2 Use place value to find 10 and 100 more or less than 3-digit numbers
	Т	Number and Place	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
12/09/2022	w	Value	Count in multiples of 25 from zero	Deliberate Practice: Past and Present
	T	Value	Count up in multiples of 1000 from any number	Deliberate Practice: Past and Present
	F		Find 1000 more than a given number	CanDoTables 4x6
	M		Find 1000 less than a given number	3.7 Use rounding to add near multiples of 10
	T C S	Number and Place	Compare two 4-digit numbers	3.7 Use rounding to add near multiples of 10
19/09/2022	4NPV.		Order 4-digit numbers with different thousands	Celiberate Practice: Past and Present
	T [∠] ₹	Value	Order 4-digit numbers with the same thousands	Deliberate Practice: Past and Present
	F		Round 2-digit numbers to the nearest 10	CanDoTables 4x7
	M		Round 3-digit numbers to the nearest 10	3.11 Use rounding to subtract a near multiple of 10
	T	Number and Place	Round 4-digit numbers to the nearest 10	3.11 Use rounding to subtract a near multiple of 10
26/09/2022		Z Value	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
	M		Count backwards through zero to include negative numbers	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
03/10/2022	W	Geometry: Properties of	Identify and describe an equilateral triangle	Deliberate Practice: Past and Present
	T	Shapes	Identify and describe an isosceles triangle	Deliberate Practice: Past and Present
	F <u>▼</u> 🖓	2	Identify and describe a scalene triangle	CanDoTables 8x6
	w <mark>₹</mark> 4	2	Identify and describe a parallelogram	3.1 Partition the second number to subtract 10s then 1s including bridging
F	T		Identify and describe a rhombus	3.1 Partition the second number to subtract 10s then 1s including bridging
10/10/2022	W	Geometry: Properties of	Identify and describe a trapezium	Deliberate Practice: Past and Present
· · ·	T	Shapes	Identify and describe a kite	Deliberate Practice: Past and Present
Ē	F		Classify 2D shapes	CanDoTables 8x7
	M		Identify lines of symmetry of a 2D shape	3.9 Subtract numbers by finding the difference between them
F	т		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
17/10/2022	w	Geometry: Properties of	Use a line of symmetry to produce a symmetrical pattern	Beliberate Practice: Past and Present
	T	Shapes	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



Term 2. W/	/c <mark>Kb</mark>	DfE RTP		Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass	Fact Check	Access Pass and Use It or Lose It
	м			Extra Problem Solving	Icts	3.18 Multiply numbers by 10 using place value
	T		Multiplication and Division: Multiplication	Build the 6x table and count in steps of 6 and multiples of 6 from zero	s fc	3.18 Multiply numbers by 10 using place value
31/10/2022	w			Recall and use multiplication facts for the 6 times table	able	Deliberate Practice: Past and Present
	T		Tables	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
	M			Recall and use multiplication facts for the 9 times table	cts	3.22 Divide whole numbers by 10 using place value
	T	5	Multiplication and	Recall and use division facts for the 9 times table	s fa	3.22 Divide whole numbers by 10 using place value
07/11/2022	W 😽	Å	Division: Multiplication	Build the 7x table and count in steps of 7 and multiples of 7 from zero	ble	Deliberate Practice: Past and Present
	T	7	Tables	Recall and use multiplication facts for the 7 times table	× 4	Deliberate Practice: Past and Present
	F			Recall and use division facts for the 7 times table	9	CanDoTables 6x4
	Μ			Know and use the effect of multiplying by 0	2	3.19 Multiply numbers by a multiple of 10 using place value
	Т		Multiplication and Division	Know and use the effect of multiplying by 1	fa	3.19 Multiply numbers by a multiple of 10 using place value
14/11/2022	W			Know and use the effect of dividing by 1	bles	Deliberate Practice: Past and Present
	Т			Extra Problem Solving	b	Deliberate Practice: Past and Present
	F			Extra Problem Solving	6)	CanDoTables 6x6
	Μ		Addition and Subtraction: Mental Methods Addition	Add ones to 4-digit numbers (where the thousands change)	st	3.23 Divide whole numbers by a multiple of 10 using place value
	T			Add tens to 4-digit numbers (where the hundreds change)	fac	3.23 Divide whole numbers by a multiple of 10 using place value
21/11/2022	w			Add tens to 4-digit numbers (where the thousands change)	bles	Deliberate Practice: Past and Present
	T			Add hundreds to 4-digit numbers (where the thousands change)	ta la	Deliberate Practice: Past and Present
	F 👱	4NF-3		Add 3-digit number to 4-digit number using rounding to the nearest hundred and then compensating	-	CanDoTables 6x7
	M 🔓	4N	Addition and	Add two 4-digit numbers using rounding to the nearest thousand and then compensating	ts .	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	fac	3.24 Use partitioning and known facts to divide 2-digit by 1-digit numbers
28/11/2022	w		Subtraction: Mental	Extra Problem Solving	oles	Deliberate Practice: Past and Present
	T		Methods Addition	Extra Problem Solving	t t	Deliberate Practice: Past and Present
	F			Subtract ones from 4-diait number (where the hundreds change)	~ ~	CanDoTables 6x8
	M			Subtract ones from 4-digit number (where the thousands change)	t i	3.17 Double 3-digit numbers
	T		Addition and	Subtract tens from 4-digit number (where the hundreds change)	fac	3.17 Double 3-digit numbers
05/12/2022	W		Subtraction:Mental	Subtract tens from 4-digit number (where the thousands change)	oles	Deliberate Practice: Past and Present
	T		Methods Subtraction	Subtract hundreds from 4-digit number (where the thousands change)	ţ	Deliberate Practice: Past and Present
	F 🗠	9		Subtract 3-digit number from 4-digit number using rounding to the nearest hundred and then compensating	× 9	CanDoTables 6x9
	M 💆	4NF-3		Subtract 4-digit number from a 4-digit number using rounding to the nearest thousand and then compensating	5	3.21 Halve 3-digit numbers
	T		Addition and	Subtract by finding the difference between two 4-digit numbers by counting on	fac	3.21 Halve 3-digit numbers
12/12/2022	w		Subtraction:Mental Methods Subtraction	Starrobins Solving	les	Deliberate Practice: Past and Present
. ,	T			Enter Problem Solving	tab	Deliberate Practice: Past and Present
	F			End of Term Assessment: Remember It 2	× 9	CanDoTables 6x12



Term 3. W/c 👳	DfE RTP	Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass		Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It	
02/01/2023 W T F 2		Extra Problem Solving Build the 11x table and count in steps of 11 from zero Recall and use multiplication facts for the 11 times table Recall and use division facts for the 11 times table	7 x tables facts	4.3 Round numbers to the nearest 10, 100 or 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x3	
09/01/2023	Multiplication and Division: Multiplication Tables	Build the 12x table and count in steps of 12 from zero Recall and use multiplication facts for the 12 times table Recall and use division facts for the 12 times table Use knowledge of factor pairs (commutativity) when multiplying mentally three numbers together, such as 2 x 6 x 5 = 10 x 6 = 60 Extra Problem Solving	7 x tables facts	4.13 Recall and use facts for the 6x table 4.3 Round numbers to the nearest 10, 100 or 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x4	
16/01/2023 W T F	Written Methods Addition	Add two 4-digit numbers, no regrouping Use column addition for two 4-digit numbers when regrouping is required in the ones column Use column addition for two 4-digit numbers when regrouping is required in the tens column Use column addition for two 4-digit numbers when regrouping is required in the hundreds column Use column addition for two 4-digit numbers when regrouping is required in the hundreds column Use column addition for two 4-digit numbers when regrouping is required in multiple columns	7 × tables facts	4.13 Recall and use facts for the 6x table 4.3 Round numbers to the nearest 10, 100 or 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x6	
23/01/2023 W T F =	Addition and Subtraction: Written Methods	Use column addition for two 3-digit numbers where the sum exceeds 1000 Use column addition for 4-digit and 3-digit numbers when regrouping is required in multiple columns Use column addition for 4-digit and 2-digit numbers when regrouping is required in multiple columns Extra Problem Solving Extra Problem Solving	7 × tables facts	4.13 Recall and use facts for the 6x table 4.1 Order numbers beyond 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x7	
30/01/2023 W T F	Addition and Subtraction:	Subtract a 4-digit number from a 4-digit number, no exchanging Use column subtraction for 4-digit numbers when exchanging is required in the tens column Use column subtraction for 4-digit numbers when exchanging is required in the hundreds column Use column subtraction for 4-digit numbers when exchanging is required in the thousands column Use column subtraction for 4-digit numbers when exchanging is required in the thousands column Use column subtraction for 4-digit numbers when exchanging is required in multiple columns	7 × tables facts	4.17 Recall and use facts for the 7x table 4.1 Order numbers beyond 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x8	
06/02/2023 W T F	Written Methods Subtraction	Use column subtraction for 4-digit and 3-digit numbers when exchanging is required in multiple columns Use column subtraction for 4-digit and 2-digit numbers when exchanging is required in multiple columns Extra Problem Solving Extra Problem Solving End of Term Assessment: Remember It 3 Half Term	7 × tables facts	4.17 Recall and use facts for the 7x table 4.1 Order numbers beyond 1000 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x9	



Term 4. W/c		Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass	Fact Check	
20/02/2023 W	Multiplication and Division	Extra Problem Solving Multiply 1-digit numbers by multiples of 10 using place value (6, 7, 9) Use the distributive law to multiply a two-digit number by a one-digit number (6, 7, 9) Multiply 2-digit number by a 1-digit number using a formal written method (6, 7, 9) Multiply 1 and 2-digit numbers by 100	9 x tables facts	4.8 Choose appropriate methods to add 4.18 Double and halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 9 x 6
27/02/2023 W F	Multiplication and Division	Multiply 3-digit number by a 1 digit number using a formal written method (regroup ones) Multiply 3-digit number by a 1 digit number using a formal written method (regroup tens) Multiply 3-digit number by a 1 digit number using a formal written method (regroup hundreds) Multiply 3-digit number by a 1 digit number using a formal written method (multiple regroup) Divide multiples of ten by 10	9 x tables facts	4.8 Choose appropriate methods to add 4.18 Double and halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 9 x 7
06/03/2023 W	Multiplication and Division	Divide multiples of a hundred by 100 Use known facts and place value when dividing mentally e.g. 120 ÷ 6, 1200÷ 6, 1320÷ 12 Divide near multiples by 6, 7, 9, 11 and 12 with remainders Divide 3-digit number by a single digit number using partitioning and place value Use written method to divide a 3-digit number by a single digit number (hundreds = multiple of divisor, tens > divisor) with no remainder	9 × tables facts	Ready to Progress Paper 3 4.18 Double and halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 9 x 8
F Y O M Y Y 13/03/2023 W Y F F F	Multiplication and Division	Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, one exchange) with no remainder Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, two exchanges) with no remainder Use written method to divide a 3-digit number by a single digit number (hundreds < divisor) with no remainder Extra Problem Solving Extra Problem Solving	9 × tables facts	4.12 Choose appropriate methods to subtract 4.24. Divide 3 digit numbers by 1 digit numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 9 x 9
20/03/2023 W T F	Geometry: Properties of Shapes (Angles)	Extra Problem Solving Identify acute angles Identify acute angles in shapes Identify obtuse angles in shapes	12 x tables facts	4.12 Choose appropriate methods to subtract 4.24. Divide 3 digit numbers by 1 digit numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 12
27/03/2023 W T F	Geometry: Properties of Shapes (Angles)	Compare angles up to two right angles in size Order angles up to two right angles in size Extra Problem Solving Extra Problem Solving End of Term Assessment: Remember It 4	12 x tables facts	4.12 Choose appropriate methods to subtract 4.24. Divide 3 digit numbers by 1 digit numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 12



Term 5. W/c	DfE RTP		Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass	Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It		
M 17/04/2023 W T F		Decimals	Recognise that hundredths arise from dividing a number (or object) into one hundred equal parts and dividing tenths by ten Read and represent a number with 2 decimal places Count up in hundredths Count down in hundredths Divide a one-digit number by 100	4.19 Use place value and known facts to multiply mental 4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficier Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 8	,	
24/04/2023 W F	5NPV-1,2	Decimals	Divide a two-digit number by 10 Divide a two-digit number by 100 Compare numbers with 1dp Compare numbers with 2dp Order numbers with the same number of decimal places	 4.19 Use place value and known facts to multiply mental 4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficient Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 7 	· · · · · · · · · · · · · · · · · · ·	
01/05/2023 W T F		Decimals	Bank Holiday Round numbers with 1 dp to nearest whole number Convert from pence to pounds Convert from pounds to pence Extra Problem Solving	4.21 Multiply 3 digit numbers by 1 digi tnumbers; efficier Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 11	nt methods	
08/05/2023 W F	4F-3	Fractions:Calculating	Extra Problem Solving Add fractions with the same denominator within and beyond one whole Subtract fractions with the same denominator within and beyond one whole Calculate a unit fraction of an amount when the answer is a whole number Calculate a non-unit fraction of an amount when the answer is a whole number	4.2 Order decimal numbers and position them on a num 4.4 Round numbers with one dp to the nearest whole nu Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 11 x 11		
15/05/2023 W F	5F-2	Fractions	Identify equivalent fractions using diagrams Find families of equivalent fractions Know and use the decimal equivalents to 1/4, 1/2, 3/4 Extra Problem Solving End of Term Assessment: Remember It 5	4.2 Order decimal numbers and position them on a num 4.4 Round numbers with one dp to the nearest whole nu Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 11 x 12		
22/05/2023 W T F		See Term 6	For the academic year 2022-2023 see week 1 of Term 6 for manageable steps	B B 0 0 16 2 16 2 16 2 16 2 16 2 16 2 16 2		
			Half Term			



Term 6. W/	c <mark>KPI</mark>	DfE RTP		Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass	Fact Check	Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It
22/05/2023	H T M T M		Addition and Subtraction: Decimals (In 2022-2023 to be taught in the last week of term 5)	Use mental strategies to add numbers with 1 dp Use mental strategies to add numbers with 2 dp Use columnar addition for numbers with 2 decimal places with regrouping (carrying) required Use mental strategies to subtract numbers with 1 dp Use mental strategies to subtract numbers with 2 dp	7 x tables facts	4.2 Order decimal numbers and position them on a number line 4.4 Round numbers with one dp to the nearest whole number Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 7x5
05/06/2023	T 7		Measurement: Time and Converting Units	Use columnar subtraction for numbers with 2 dp Extra Problem Solving Convert 12-hour digital time to 24-hour time Convert from 12-hour analogue time to 24-hour time Convert from 24-hour time to 12-hour analogue time	7 x tables facts	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 7x12
12/06/2023	M T W T		Measurement: Time and Converting Units	Convert from hours to minutes Convert from weeks to days Convert from years to months Convert from litres to millilitres Convert from litres to grams	9 x tables facts	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 4
	M T N	(5G-2)	Measurement: Perimeter and Area	Convert from kilometres to metres Convert from kilometres to metres Measure and calculate the perimeter of 2D shapes when dimensions are unknown Calculate the perimeter of rectangles (including squares) Calculate the perimeter of other rectlinear shapes when dimensions are known Find the area of rectangles (including squares) by counting squares	9 x tables facts	A.5 Use number facts to add A.22 Divide whole numbers and decimals by 100 Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 9 x 12
	H T M T M	4G-1	Geometry: Position and Direction	Find the area of other rectilinear shapes by counting squares Extra Problem Solving Use coordinates to describe the position of a point in the first quadrant Plot points in the first quadrant using coordinates Use coordinates to plot a set of points to construct a polygon	12 x tables facts	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 CanDoTables 12 x 6
	· M T W T F		Geometry: Position and Direction	Describe movements between positions as translations of a given unit to the left/right Describe movements between positions as translations of a given unit up/down Describe movements between positions as translations of a given unit to the left/right and up/down Extra Problem Solving Extra Problem Solving	12 x tables facts	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
	· M T W T F		Statistics	Interpret bar charts with different scales on the frequency axis Construct a bar chart with different scales on the frequency axis Interpret a time graph Construct a time graph End of Term Assessment: Remember It 6	12 x tables facts	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
	M T W T F		Extra Problem Solving	Extra Problem Solving Extra Problem Solving Extra Problem Solving Extra Problem Solving Extra Problem Solving	12 x tables facts	Ready to Progress Paper 4 4.6 Round and adjust to add numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present CanDoTables 12 x 7
24/07/2023	M T			TDD TDD Summer Holiday		

www.buzzardpublishing.com