



## Year 2

# Termly Plans Academic Year 2023 - 2024

Teach Up

Mathematics Lessons

Manageable Steps

Intelligent Practice

Maths on Track Meetings

> Weekly Suggestions

Deliberate Practice

Keep Up



#### 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.

Retrieval practice – the process of recalling previously learnt material from our long-term memory – benefits pupils' learning (EEF). 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' retrieval 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 prioritising 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.

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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
01/09/2023	F			TDD	
	M		Number and Place Value	Represent 2-digit numbers	Ready to Progress Paper 1
	T W T F	>		Recognise the value of digits in 2-digit numbers	Ready to Progress Paper 2
04/09/2023		2NPV-		Partition 2-digit numbers in different ways	២ Deliberate Practice: Past and Present
				Read 2-digit numbers in words and write using numerals	Deliberate Practice: Past and Present/KPI Workout
				Read 2-digit numbers in numerals and write in words	CanDoBonds 6 +/-
1	M	<u>-</u>		Identify 2-digit numbers on a number line	1.9 Know 1 more than numbers
	T ~	ZZ	Number and Place	Represent 2-digit numbers on a number line	1.17 Know 1 less than numbers
11/09/2023	w 🚊	2,-2	Value	Estimate numbers on a number line	Deliberate Practice: Past and Present
	T	₽ V	value	Compare any two 2-digit numbers using < > and =	Deliberate Practice: Past and Present/Retrievelt
	F	≐		Order 2-digit numbers with different tens from smallest to greatest	CanDoBonds 7 +
1	M		Geometry: Properties of shapes	Order 2-digit numbers with the same tens from smallest to greatest	1.16 Add 10 to a number
	I 4	.3)		Order 2-digit numbers	1.24 Subtract 10 from a number
18/09/2023	W 💆	(2AS-3)		Find 10 more than a given number	Deliberate Practice: Past and Present
	T F	(2		Find 10 less than a given number	Deliberate Practice: Past and Present/KPI Workout
				Identify and describe the properties of pentagons	CanDoBonds 7 +/-
1	M T W T F		Geometry: Properties of shapes	Identify and describe the properties of hexagons	1.16 Add 10 to a number
		_		Identify and describe the properties of octagons	1.24 Subtract 10 from a number
25/09/2023		2G-1		Identify symmetry properties of 2-D shapes using vertical lines	Deliberate Practice: Past and Present
		2		Identify and describe the properties of 3-D shapes including the number of vertices	Deliberate Practice: Past and Present/Retrievelt
				Identify and describe the properties of 3-D shapes including the number of edges	CanDoBonds 8 +
1	M		Addition and Subtraction: Addition	Identify and describe the properties of 3-D shapes including the number of faces	1.15 Use number facts to calculate others
	T			Show that addition is commutative	1.23 Subtract a single digit number from a teens number
02/10/2023	W			Extra Problem Solving	Ready to Progress Paper
	T			Use addition facts of 10 to derive facts of 100	Deliberate Practice: Past and Present/KPI Workout
	F	3AS-3		Add ones to 2-digit numbers using number facts where the tens don't change	CanDoBonds 8 +/-
	M	34		Add ones to 2-digit numbers using bridging	1.15 Use number facts to calculate others
	T W T F	4	Addition and	Add ones to 2-digit numbers by rounding to ten then compensating	1.23 Subtract a single digit number from a teens number
09/10/2023		AS-3,	Subtraction: Addition	Add multiples of ten to 2-digit numbers using number facts	Deliberate Practice: Past and Present
		_		Add two 2-digit numbers by counting on in tens then 1s	Deliberate Practice: Past and Present/Retrievelt
「				Add two 2-digit numbers using partitioning and recombining (No regrouping)	CanDoBonds 9 +
	M T W T	2NF-	Addition and Subtraction: Addition	Add two 2-digit numbers using partitioning and recombining	1.8 Order numbers and position them on a number line
				Add two 2-digit numbers by rounding to the nearest ten then compensating	1.8 Order numbers and position them on a number line
16/10/2023				Add three single digit numbers	Deliberate Practice: Past and Present
Γ				Extra Problem Solving	Deliberate Practice: Past and Present/KPI Workout
F				End of Term Assessment: Remember It 1	CanDoBonds 9 +/-
				Half Term	

Recall and use addition facts of two single digits bridging 10

Recall and use addition facts of single digit doubles

Add two 2-digit numbers choosing an efficient strategy

Due to the length of Term 1 being shorter for the academic year 2023/24, these manageable steps have been removed from the termly plan for maths lessons. They can be addressed in Maths on Track Meetings.



Term 2. W/c	KPI	DÆ 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
30/10/2023	T F	S-3	Addition and Subtraction: Subtraction	Extra Problem Solving  Understand why subtraction is not commutative  Recall subtraction facts of two single digits within 10  Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit not bridging 10  Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit bridging 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/KPI Workout CanDoBonds 10 +
06/11/2023	F	7	Addition and Subtraction: Subtraction	Use subtraction facts of 10 to subtract multiples of ten from 100  Subtract ones from 2-digit numbers using number facts where the tens don't change  Subtract ones from 2-digit numbers using bridging  Subtract ones from 2-digit numbers by rounding to ten then compensating  Subtract multiples of ten from 2-digit numbers using number facts	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/Retrievelt CanDoBonds 10 +/-
13/11/2023	M T W T	ZZ -	Addition and Subtraction: Subtraction	Subtract two 2-digit numbers by counting back in tens then 1 s Subtract two 2-digit numbers by rounding to the nearest ten then compensating Subtract by finding the difference between two numbers - counting on Derive addition and subtraction facts using inverse operations Extra Problem Solving	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/KPI Workout CanDoBonds 10 +/-
20/11/2023	M T W		Geometry: Properties of Shapes	Identify and describe the properties of cylinders Identify and describe the properties of cones Identify and describe 2-D shapes on the surface of 3-D shapes Compare and sort 3-D shapes and explain how they are similar or different Compare and sort 2-D shapes and explain how they are similar or different	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/Retrievelt CanDoBonds 20 +
27/11/2023 V	M T W T I. 12	4MD-2	Multiplication and Division	Count in steps of 3 from zero  Show and use the connection between multiplication and repeated addition  Create multiplication statements to describe and solve equal grouping problems  Use arrays to solve multiplication problems  Show and use the commutativity of multiplication	2.6 Add a single digit number to a 2-digit number using known facts 2.6 L2 Subtract single digit number from a 2-digit number using known facts Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDoBonds 20 +/-
	M T W T F	2MD-1, 2	Multiplication and Division	Create division statements to describe and solve grouping problems Create division statements to describe sharing and solve problems Show that division is not commutative Extra Problem Solving Use mathematical language to describe position	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/Retrievelt CanDoBonds 15 +
11/12/2023	M T W III		Geometry: Position and direction	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  Order combinations of mathematical objects in patterns and sequences  End of Term Assessment: Remember It 2  Christmas break	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/KPI Workout CanDoBonds 15 +/-



Term 3. W	C KPI	DÆ 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
02/01/2024	M T W T		Multiplication and Division: Multiplication Tables	Build the 2x table and count in steps of 2 from zero  Recall and use multiplication facts for the 2 times table  Recall and use division facts for the 2 times table  Recognise and use odd and even numbers	2 x table facts	2.11 Subtract multiples of 10 from a 2-digit number Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 2x4
08/01/2024	4 1 8 1 X X X X X X X X X X X X X X X X X	2MD-1, 2 3NF-2	Multiplication and Division: Multiplication	Build the 10x table and count in steps of 10 from zero  Recall and use multiplication facts for the 10 times table  Recall and use division facts for the 10 times table  Build the 5x table and count in steps of 5 from zero  Recall and use multiplication facts for the 5 times table	2 x table facts	2.7 Use rounding to add near multiples of ten  2.15 Use rounding to subtract near multiples of ten  Deliberate Practice: Past and Present  Deliberate Practice: Past and Present/Retrievelt  CanDo Tables 2x6
15/01/2024	M T W T		Multiplication and Division: Multiplication Tables	Recall and use division facts for the 5 times table  Use factor, factor, product relationship to derive multplication and division statements  Extra Problem Solving  Read scales in divisions of ones and twos,  Read scales in divisions of fives and tens	2 x table facts	2.7 Use rounding to add near multiples of ten  2.15 Use rounding to subtract near multiples of ten  Deliberate Practice: Past and Present  Deliberate Practice: Past and Present/KPI Workout  CanDo Tables 2x8
22/01/2024	M T W T F	(3NPV-4)	Measurement: Length and Mass	Measure the mass of objects (kg)  Measure the mass of objects (g)  Estimate the mass of objects  Compare the mass of objects using >, < and =  Order the mass of objects	2 x table facts	2.7 Use rounding to add near multiples of ten  2.15 Use rounding to subtract near multiples of ten  Deliberate Practice: Past and Present  Deliberate Practice: Past and Present/Retrievelt  CanDo Tables 2x7
29/01/2024	M T W T - 21		Measurement: Length and Mass	Measure lengths (m) Measure lengths (cm) Estimate lengths Compare lengths using >, < and = Order lengths	2 x table facts	2.2 Compare and order numbers to 100 2.20 Recognise odd and even numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 2x9
05/02/2024	M T W T F		Measurement: Length and Mass	Measure heights (cm) Estimate heights Compare heights using >, < and = Extra Problem Solving End of Term Assessment: Remember It 3 Half Term	2 x table facts	2.2 Compare and order numbers to 100 2.20 Recognise odd and even numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 2x12



Term 4. W/c		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
19/02/2024 W T F	Fractions	Recognise one third as one of three equal parts of a shape and use fraction notation  Find 1/3 of objects  Find 1/3 of an amount  Recognise two quarters as two of four equal parts, or two of one quarter of a shape and use fraction notation  Find 2/4 of objects	2.14 Partition the second number to subtract tens then ones 2.19 Double Numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 6 x 10
26/02/2024 W T F	Fractions	Find 2/4 of an amount  Recognise that a half is equivalent to two quarters  Recognise three quarters as three of four equal parts, or three of one quarter of a shape and use fraction notation  Find 3/4 of objects  Find 3/4 of an amount	2.14 Partition the second number to subtract tens then ones 2.19 Double Numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 7 x 10
04/03/2024 W T F 8		Extra Problem Solving  Tell the time using quarter past the hour on an analogue clock  Tell the time using quarter to the hour on an analogue clock  Draw the hands on a clock to show quarter past/to the hour on an analogue clock  Know and use the fact that there are 60 minutes in 1 hour	Ready to Progress Paper 3 2.19 Double Numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 8 x 10
11/03/2024 W T F	Measurement: Time	Tell the time to five minute intervals past the hour on an analogue clock  Draw the hands on a clock to show five minute intervals past the hour on an analogue clock  Tell the time to five minute intervals to the hour on an analogue clock  Draw the hands on a clock to show five minute intervals to the hour on an analogue clock  Order or sequence intervals of time, inclduing the fact that there are 24 hours in one day	2.9 Partition the second number to add tens then ones 2.22 Halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 9 x 10
18/03/2024 W T S F		Combine £1, £2, £5 and £10 use the symbol for pounds (£) Find the sum of different amounts of pounds Combine 1p, 2p and 5p coins to make different totals Combine 10p, 20p and 50p coins to make different totals Find the sum of different amounts of pence	2.9 Partition the second number to add tens then ones 2.22 Halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 3 x 5
25/03/2024 W T F	Measurement: Money	Find different combinations of coins that equal the same amounts of money  Calculate change from 50p  Calculate change from £1  End of Term Assessment: Remember It 4	2.9 Partition the second number to add tens then ones 2.22 Halve numbers Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt



Term 5. W	1/c <mark>4</mark>	DÆ 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 Al Access Pass and Use It or Lose It
15/04/2024	M T W T	1)	Statistics	Interpret a table  Construct a tally chart  Interpret a pictogram where the symbol represents a single item  Construct a pictogram where the symbol represents a single item  Interpret a pictogram where the symbol represents 2 items	2.10 Use known facts to 10 to derive other facts 2.21 Solve multiplication problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 5 x 5
22/04/2024	M T W T	(2MD-		Construct a pictogram where the symbol represents 2 items Interpret a pictogram where the symbol represents 5 or 10 items Construct a pictogram where the symbol represents 5 or 10 items Interpret a block diagram Construct a block diagram	2.10 Use known facts to 10 to derive other facts 2.21 Solve multiplication problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 6 x 5
29/04/2024	M T W T		Measurement: Capacity and Temperature	Extra Problem Solving  Extra Problem Solving  Measure capacity using litres  Measure capacity using millilitres  Estimate capacity using litres	2.13 Find the difference between two numbers 2.21 Solve multiplication problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 7 x 5
06/05/2024	M T W T		Measurement: Capacity and Temperature	Bank Holiday  Estimate capacity using milliitres  Compare capacity, > and <  Order capacities  Measure temperature	2.23 Use sharing to solve division problems Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 8 x 5
13/05/2024	M 💆	ı	Measurement: Capacity and Temperature	Extra Problem Solving End of Term Assessment: Remember It 5	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/KPI Workout CanDo Tables 9 x 5
20/05/2024	M T W T		See Term 6	For the academic year 2023-2024 see week 1 of Term 6 for learning focus	Bonds of 8
				Half Term	



Term 6. W/c		Maths Lessons: Securing learning Moving on Up	Maths on Track: Deliberate Practice Suggested focus on securing the essentials and number fact fluency
20/05/2024 W T A A A A A A A A A A A A A A A A A A	Y Place value	Read, write, compare and order 2-digit numbers  Find 10 more or less of a 2-digit number	2.13 Find the difference between two numbers 2.23 Use sharing to solve division problems Deliberate Practice: Past and Present/KPI Workout CanDo Tables 2x3
03/06/2024 W T F	Addition and Subtraction	Recall and use addition and subtraction facts to 10 and know that addition is commutative	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve divison problens Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 2x5
10/06/2024 W T F	Addition and Subtraction	Add two 2-digit numbers	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve divison problens Deliberate Practice: Past and Present Deliberate Practice: Past and Present/KPI Workout CanDo Tables 2x11
17/06/2024 W T F	Addition and Subtraction	Subtract two 2-digit numbers	2.4 Use known facts to 10 to derive other facts 2.24 Use grouping to solve divison problens Deliberate Practice: Past and Present Deliberate Practice: Past and Present/Retrievelt CanDo Tables 5 x 11
24/06/2024 W 6 7 F	Geometry and Measurement	Identify and describe the properties of 2-D and 3-D shapes, including the number of edges, vertices and faces  Tell the time to quarter to/past and 5 minute intervals  Calculate change and combine coins to make amounts	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/KPI Workout CanDo Tables 5 x 12
01/07/2024 W T T F T		Understand how multiplication and divison can be represented and know that multiplication is commutative  Know and use multiplication and division facts for 2, 5 and 10 multiplication tables  Read scales in divisions of 1, 2, 5 and 10	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/Retrievelt CanDo Tables 10 x 11
T 2 c		Recognise and find one half, one third and one quarter	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/KPI Workout Deliberate Practice: Past and Present
15/07/2024 W T F	Solving Problems	Extra Problem Solving	Ready to Progress Paper 4 Deliberate Practice: Past and Present
22/07/2024 M T		TDD TDD Summer Holiday	