



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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Year 2 Term 1

Term 1 W/c		KPI	DIE 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
01/09/2023	F	KPI 1 2NPV-1	Number and Place Value		TDD	Bonds of 6	
04/09/2023	M			Represent 2-digit numbers	Ready to Progress Paper 1		
	T			Recognise the value of digits in 2-digit numbers	Ready to Progress Paper 2		
	W			Partition 2-digit numbers in different ways	Deliberate Practice: Past and Present		
	T			Read 2-digit numbers in words and write using numerals	Deliberate Practice: Past and Present/KPI Workout		
	F		Read 2-digit numbers in numerals and write in words	CanDoBonds 6 +/-			
11/09/2023	M	KPI 2 1NPV-2, 2NPV-2	Number and Place Value	Identify 2-digit numbers on a number line	1.9 Know 1 more than numbers	Bonds of 7	1.9 Know 1 more than numbers
	T			Represent 2-digit numbers on a number line	1.17 Know 1 less than numbers		1.17 Know 1 less than numbers
	W			Estimate numbers on a number line	Deliberate Practice: Past and Present		Deliberate Practice: Past and Present
	T			Compare any two 2-digit numbers using < > and =	Deliberate Practice: Past and Present/Retrievelt		Deliberate Practice: Past and Present/Retrievelt
	F			Order 2-digit numbers with different tens from smallest to greatest	CanDoBonds 7 +		CanDoBonds 7 +
18/09/2023	M	KPI 4 (2AS-3)	Geometry: Properties of shapes	Order 2-digit numbers with the same tens from smallest to greatest	1.16 Add 10 to a number	Bonds of 7	1.16 Add 10 to a number
	T			Order 2-digit numbers	1.24 Subtract 10 from a number		1.24 Subtract 10 from a number
	W			Find 10 more than a given number	Deliberate Practice: Past and Present		Deliberate Practice: Past and Present
	T			Find 10 less than a given number	Deliberate Practice: Past and Present/KPI Workout		Deliberate Practice: Past and Present/KPI Workout
	F			Identify and describe the properties of pentagons	CanDoBonds 7 +/-		CanDoBonds 7 +/-
25/09/2023	M	KPI 6 2G-1	Geometry: Properties of shapes	Identify and describe the properties of hexagons	1.16 Add 10 to a number	Bonds of 8	1.16 Add 10 to a number
	T			Identify and describe the properties of octagons	1.24 Subtract 10 from a number		1.24 Subtract 10 from a number
	W			Identify symmetry properties of 2-D shapes using vertical lines	Deliberate Practice: Past and Present		Deliberate Practice: Past and Present
	T			Identify and describe the properties of 3-D shapes including the number of vertices	Deliberate Practice: Past and Present/Retrievelt		Deliberate Practice: Past and Present/Retrievelt
	F			Identify and describe the properties of 3-D shapes including the number of edges	CanDoBonds 8 +		CanDoBonds 8 +
02/10/2023	M	KPI 3, 5, 7 2NF-1 AS-3, 4 3AS-3	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	Bonds of 8	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		1.23 Subtract a single digit number from a teens number
	W			Extra Problem Solving	Ready to Progress Paper		Ready to Progress Paper
	T			Use addition facts of 10 to derive facts of 100	Deliberate Practice: Past and Present/KPI Workout		Deliberate Practice: Past and Present/KPI Workout
	F			Add ones to 2-digit numbers using number facts where the tens don't change	CanDoBonds 8 +/-		CanDoBonds 8 +/-
09/10/2023	M	KPI 3, 5, 7 2NF-1 AS-3, 4 3AS-3	Addition and Subtraction: Addition	Add ones to 2-digit numbers using bridging	1.15 Use number facts to calculate others	Bonds of 9	1.15 Use number 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		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		Deliberate Practice: Past and Present
	T			Add two 2-digit numbers by counting on in tens then 1s	Deliberate Practice: Past and Present/Retrievelt		Deliberate Practice: Past and Present/Retrievelt
	F			Add two 2-digit numbers using partitioning and recombining (No regrouping)	CanDoBonds 9 +		CanDoBonds 9 +
16/10/2023	M	2NF-1 AS-3, 4 3AS-3	Addition and Subtraction: Addition	Add two 2-digit numbers using partitioning and recombining	1.8 Order numbers and position them on a number line	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		1.8 Order numbers and position them on a number line
	W			Add three single digit numbers	Deliberate Practice: Past and Present		Deliberate Practice: Past and Present
	T			Extra Problem Solving	Deliberate Practice: Past and Present/KPI Workout		Deliberate Practice: Past and Present/KPI Workout
	F			End of Term Assessment: Remember It 1	CanDoBonds 9 +/-		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.



Year 2 Term 2

Term 2. W/c		KPI	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
30/10/2023	M	KPI 8, 9 2NF-1 2AS-2 3AS-3	Addition and Subtraction: Subtraction	Extra Problem Solving		Bonds of 10	2.5 Add multiples of 10 to a 2-digit number
	T			Understand why subtraction is not commutative			2.3 Partition a 2-digit number in different ways
	W			Recall subtraction facts of two single digits within 10			Deliberate Practice: Past and Present
	T			Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit not bridging 10			Deliberate Practice: Past and Present/KPI Workout
	F			Recall subtraction facts of 2-digit numbers (20 or less) subtract a single digit bridging 10			CanDoBonds 10 +
06/11/2023	M		Addition and Subtraction: Subtraction	Use subtraction facts of 10 to subtract multiples of ten from 100		Bonds of 10	2.5 Add multiples of 10 to a 2-digit number
	T			Subtract ones from 2-digit numbers using number facts where the tens don't change			2.3 Partition a 2-digit number in different ways
	W			Subtract ones from 2-digit numbers using bridging			Deliberate Practice: Past and Present
	T			Subtract ones from 2-digit numbers by rounding to ten then compensating			Deliberate Practice: Past and Present/Retrievel
	F			Subtract multiples of ten from 2-digit numbers using number facts			CanDoBonds 10 +/-
13/11/2023	M		Addition and Subtraction: Subtraction	Subtract two 2-digit numbers by counting back in tens then 1 s		Bonds of 10	2.5 Add multiples of 10 to a 2-digit number
	T			Subtract two 2-digit numbers by rounding to the nearest ten then compensating			2.3 Partition a 2-digit number in different ways
	W			Subtract by finding the difference between two numbers - counting on			Deliberate Practice: Past and Present
	T			Derive addition and subtraction facts using inverse operations			Deliberate Practice: Past and Present/KPI Workout
	F			Extra Problem Solving			CanDoBonds 10 +/-
20/11/2023	M	Geometry: Properties of Shapes	Identify and describe the properties of cylinders		Bonds of 20	2.6 Add a single digit number to a 2-digit number using known facts	
	T		Identify and describe the properties of cones			2.12 Subtract single digit number from a 2-digit number using known facts	
	W		Identify and describe 2-D shapes on the surface of 3-D shapes			Deliberate Practice: Past and Present	
	T		Compare and sort 3-D shapes and explain how they are similar or different			Deliberate Practice: Past and Present/Retrievel	
	F		Compare and sort 2-D shapes and explain how they are similar or different			CanDoBonds 20 +	
27/11/2023	M	2MD-1, 2 4MD-2	Multiplication and Division	Count in steps of 3 from zero		Bonds of 20	2.6 Add a single digit number to a 2-digit number using known facts
	T			Show and use the connection between multiplication and repeated addition			2.12 Subtract single digit number from a 2-digit number using known facts
	W			Create multiplication statements to describe and solve equal grouping problems			Deliberate Practice: Past and Present
	T			Use arrays to solve multiplication problems			Deliberate Practice: Past and Present/KPI Workout
	F			Show and use the commutativity of multiplication			CanDoBonds 20 +/-
04/12/2023	M	2MD-1, 2	Multiplication and Division	Create division statements to describe and solve grouping problems		Bonds of 15	2.6 Add a single digit number to a 2-digit number using known facts
	T			Create division statements to describe sharing and solve problems			2.12 Subtract single digit number from a 2-digit number using known facts
	W			Show that division is not commutative			Deliberate Practice: Past and Present
	T			Extra Problem Solving			Deliberate Practice: Past and Present/Retrievel
	F			Use mathematical language to describe position			CanDoBonds 15 +
11/12/2023	M	KPI 13	Geometry: Position and direction	Use mathematical language to describe direction of a turn, including meaning of clockwise and anti-clockwise		Bonds of 15	2.11 Subtract multiples of 10 from a 2-digit number
	T			Understand and use the language of right angles to describe the size of turn			2.11 Subtract multiples of 10 from a 2-digit number
	W			Interpret and devise instructions for following a simple route			Deliberate Practice: Past and Present
	T			Order combinations of mathematical objects in patterns and sequences			Deliberate Practice: Past and Present/KPI Workout
	F			End of Term Assessment: Remember It 2			CanDoBonds 15 +/-
Christmas break							



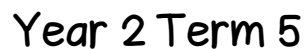
Year 2 Term 3

Term 3. W/c		KPI	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			
02/01/2024	M	KPI 14, 15, 24 2MD-1, 2 3NF-2	Multiplication and Division: Multiplication Tables				2 x table facts				
	T			Build the 2x table and count in steps of 2 from zero				2.11 Subtract multiples of 10 from a 2-digit number			
	W			Recall and use multiplication facts for the 2 times table				Deliberate Practice: Past and Present			
	T			Recall and use division facts for the 2 times table				Deliberate Practice: Past and Present/KPI Workout			
08/01/2024	F		KPI 14, 15, 24 2MD-1, 2 3NF-2	Multiplication and Division: Multiplication Tables	Recognise and use odd and even numbers			2 x table facts	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		
15/01/2024	T			KPI 14, 15, 24 2MD-1, 2 3NF-2	Multiplication and Division: Multiplication Tables	Build the 5x table and count in steps of 5 from zero			2 x table facts	Deliberate Practice: Past and Present/Retrieval	
	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	
22/01/2024	W	KPI 16 (3NP V-4)			Measurement: Length and Mass	Extra Problem Solving			2 x table facts	Deliberate Practice: Past and Present	
	T					Read scales in divisions of ones and twos,				Deliberate Practice: Past and Present/KPI Workout	
	F					Read scales in divisions of fives and tens				CanDo Tables 2x8	
	M					Measure the mass of objects (kg)				2.7 Use rounding to add near multiples of ten	
29/01/2024	T		KPI 16 (3NP V-4)		Measurement: Length and Mass	Measure the mass of objects (g)			2 x table facts	2.15 Use rounding to subtract near multiples of ten	
	W					Estimate the mass of objects				Deliberate Practice: Past and Present	
	F					Compare the mass of objects using >, < and =				Deliberate Practice: Past and Present/Retrieval	
	M					Order the mass of objects				CanDo Tables 2x7	
05/02/2024	T			KPI 17	Measurement: Length and Mass	Measure lengths (m)			2 x table facts	2.2 Compare and order numbers to 100	
	W					Measure lengths (cm)				2.20 Recognise odd and even numbers	
	F					Estimate lengths				Deliberate Practice: Past and Present	
	M					Compare lengths using >, < and =				Deliberate Practice: Past and Present/KPI Workout	
	T	KPI 17			Measurement: Length and Mass	Order lengths			2 x table facts	CanDo Tables 2x9	
	W					Measure heights (cm)				2.2 Compare and order numbers to 100	
	F					Estimate heights				2.20 Recognise odd and even numbers	
	M					Compare heights using >, < and =				Deliberate Practice: Past and Present	
	T		KPI 17		Measurement: Length and Mass	Extra Problem Solving			2 x table facts	Deliberate Practice: Past and Present/Retrieval	
	W					End of Term Assessment: Remember It 3				Deliberate Practice: Past and Present/Retrieval	
	F									CanDo Tables 2x12	
Half Term											



Year 2 Term 4

Term 4. W/c		KPI	DIE 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
19/02/2024	M	KPI 18	3F-1	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/KPI Workout
	F				Find 2/4 of objects		CanDo Tables 6 x 10
26/02/2024	M	KPI 19	3F-1	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/Retrievelt
	F				Find 3/4 of an amount		CanDo Tables 7 x 10
04/03/2024	M	KPI 20		Measurement: Time	Extra Problem Solving	10 x table facts	Ready to Progress Paper 3
	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/KPI Workout
	F				Know and use the fact that there are 60 minutes in 1 hour		CanDo Tables 8 x 10
11/03/2024	M	KPI 21		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/Retrievelt
	F				Order or sequence intervals of time, including the fact that there are 24 hours in one day		CanDo Tables 9 x 10
18/03/2024	M	KPI 21, 22		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/KPI Workout
	F				Find the sum of different amounts of pence		CanDo Tables 3 x 5
25/03/2024	M	KPI 22		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				End of Term Assessment: Remember It 4		Deliberate Practice: Past and Present/Retrievelt
	F						
Easter Break							



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Year 2 Term 6

Term 6. W/c		KPI	DfE RTP	Maths Lessons: Securing learning Moving on Up		Fact Check	Maths on Track: Deliberate Practice <i>Suggested focus on securing the essentials and number fact fluency</i>
20/05/2024	M	KPI 1, 2, 3 2NPV-1, 2		Place Value (In 2023-2024 to be taught in the last week of term 5)	Read, write, compare and order 2-digit numbers	2 x table facts	2.13 Find the difference between two numbers
	T				Find 10 more or less of a 2-digit number		2.23 Use sharing to solve division problems
	W						Deliberate Practice: Past and Present
	T						Deliberate Practice: Past and Present/KPI Workout
03/06/2024	F	KPI 3, 9 2NF-1		Addition and Subtraction	Recall and use addition and subtraction facts to 10 and know that addition is commutative	2 x table facts	CanDo Tables 2x3
	M				2.4 Use known facts to 10 to derive other facts		
	T				2.24 Use grouping to solve division problems		
	W				Deliberate Practice: Past and Present		
10/06/2024	F	KPI 2 2AS-3, 4		Addition and Subtraction	Add two 2-digit numbers	2 x table facts	Deliberate Practice: Past and Present/Retrieval
	M				CanDo Tables 2x5		
	T				2.4 Use known facts to 10 to derive other facts		
	W				2.24 Use grouping to solve division problems		
17/06/2024	F	KPI 8 2AS-3, 4		Addition and Subtraction	Subtract two 2-digit numbers	2 x table facts	Deliberate Practice: Past and Present
	M				Deliberate Practice: Past and Present/KPI Workout		
	T				CanDo Tables 2x11		
	W				2.4 Use known facts to 10 to derive other facts		
24/06/2024	F	KPI 16, 20, 21, 22 2G-1		Geometry and Measurement	Identify and describe the properties of 2-D and 3-D shapes, including the number of edges, vertices and faces	5 x table facts	2.24 Use grouping to solve division problems
	M				Deliberate Practice: Past and Present		
	T				Deliberate Practice: Past and Present/Retrieval		
	W				CanDo Tables 5 x 11		
01/07/2024	F	KPI 10, 12, 16, 14, 15, 18, 19 2MD-1, 2 3NF-2 3NPV-4		Multiplication and Division	Calculate change and combine coins to make amounts	5 x table facts	Deliberate Practice: Past and Present/Retrieval
	M				CanDo Tables 5 x 12		
	T				2.1 Explain about tens and ones in 2-digit numbers		
	W				2.9 Partition and recombine to add		
08/07/2024	F	KPI 10, 12, 16, 14, 15, 18, 19 2MD-1, 2 3NF-2 3NPV-4		Fractions	Understand how multiplication and division can be represented and know that multiplication is commutative	10 x table facts	Deliberate Practice: Past and Present
	M				Know and use multiplication and division facts for 2, 5 and 10 multiplication tables		Deliberate Practice: Past and Present/KPI Workout
	T				Read scales in divisions of 1, 2, 5 and 10		Deliberate Practice: Past and Present/Retrieval
	W				CanDo Tables 10 x 11		
15/07/2024	F	KPI 10, 12, 16, 14, 15, 18, 19 2MD-1, 2 3NF-2 3NPV-4		Fractions	Recognise and find one half, one third and one quarter	10 x table facts	Deliberate Practice: Past and Present
	M						Deliberate Practice: Past and Present/KPI Workout
	T						Deliberate Practice: Past and Present
	W						Deliberate Practice: Past and Present
22/07/2024	F			Solving Problems	Extra Problem Solving	10 x table facts	Ready to Progress Paper 4
	M						Deliberate Practice: Past and Present
	T						Deliberate Practice: Past and Present
	W						Deliberate Practice: Past and Present
Summer Holiday	F				TDD		Deliberate Practice: Past and Present
	M						TDD