



Year 3

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.

www.buzzardpublishing.com



Year 3 Term 1

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		Facil 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 3NPV-1, 2	Number and Place Value	TDD	2 x table facts 2 x table facts 2 x table facts 10 x table facts 10 x table facts 5 x table facts 5 x table facts 5 x table facts	Ready to Progress Paper 1
04/09/2023	M			Represent 3-digit numbers		Ready to Progress Paper 2
	T		Recognise the value of digits in 3-digit numbers	Deliberate Practice: Past and Present		
	W		Partition 3-digit numbers in different ways	Deliberate Practice: Past and Present/KPI Workout		
	F		Read 3-digit numbers in words and write using numerals	CanDo Tables 2x7		
11/09/2023	M		Read 3-digit numbers in numerals and write in words	2.22 Halve numbers		
	T		Read 3-digit numbers in words and write using numerals including zero as a place holder	2.22 Halve numbers		
	W		Read 3-digit numbers in numerals and write in words, including zero as a place holder	Deliberate Practice: Past and Present		
	F		Identify 3-digit numbers on a number line	Deliberate Practice: Past and Present/Retrievelt		
18/09/2023	M		Represent 3-digit numbers on a number line	CanDo Tables 2x8		
	T		Count in steps of 50 and 100 from zero	2.20 Recognise odd and even numbers		
	W		Count up in steps of 10 from any 2 or 3-digit number	2.20 Recognise odd and even numbers		
	F		Count back in steps of 10 from any 3-digit number	Deliberate Practice: Past and Present		
25/09/2023	M		Count up in steps of 100 from any 2 or 3-digit number	Deliberate Practice: Past and Present/KPI Workout		
	T		Count back in steps of 100 from any 3-digit number	CanDo Tables 10x7		
	W		Find 10 more than a given number	2.10 Use known facts of 10 to derive other facts		
	F	Find 10 less than a given number	2.10 Use known facts of 10 to derive other facts			
02/10/2023	M	Find 100 more than a given number	Deliberate Practice: Past and Present			
	T	Find 100 less than a given number	Deliberate Practice: Past and Present/Retrievelt			
	W	Compare any two 3-digit numbers	CanDo Tables 10x8			
	F	Order 3-digit numbers with different hundreds	2.13 Find the difference between two numbers			
09/10/2023	M	Order 3-digit numbers with the same hundreds	2.13 Find the difference between two numbers			
	T	Order 3-digit numbers	Deliberate Practice: Past and Present			
	W	Find tenths of whole numbers and express as fractions and decimals	Deliberate Practice: Past and Present/KPI Workout			
	F	Count up in tenths and position them on a number line	CanDo Tables 5x6			
16/10/2023	M	Count down in tenths and position them on a number line	2.5 Add multiples of ten to a 2-digit number			
	T	Extra Problem Solving	2.5 Add multiples of ten to a 2-digit number			
	W	Identify and draw horizontal lines	Deliberate Practice: Past and Present			
	F	Identify and draw vertical lines	Deliberate Practice: Past and Present/Retrievelt			
16/10/2023	M	Identify and draw parallel lines	CanDo Tables 5x7			
	T	Identify and draw perpendicular lines	2.11 Subtract multiples of ten from a 2-digit number			
	W	Draw common 2D shapes	2.11 Subtract multiples of ten from a 2-digit number			
	F	Name and describe 3D shapes	Deliberate Practice: Past and Present			
Make 3D shapes using modelling materials Extra Problem Solving End of Term Assessment: Remember It 1				Deliberate Practice: Past and Present/KPI Workout	CanDo Tables 5x8	
Half Term						



Year 3 Term 2

Term 2. W/c		KPI	D/E 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, 24	3NF-2, 3MD-1	Multiplication and Division: Multiplication Tables Build the 3x table Recall and use multiplication facts for the 3 times table Recall and use division facts for the 3 times table Build the 4x table and count in steps of 4 and multiples of 4 from zero Recall and use multiplication facts for the 4 times table	3 x table facts	2.7 Use rounding to add near multiples of ten	
	T					2.7 Use rounding to add near multiples of ten	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/KPI Workout CanDoTables 3x3	
06/11/2023	M	KPI 8, 9, 24	3NF-2, 3MD-1	Multiplication and Division: Multiplication Tables Recall and use division facts for the 4 times table Build the 8x table and count in steps of 8 and multiples of 8 from zero Recall and use multiplication facts for the 8 times table Recall and use division facts for the 8 times table	3 x table facts	2.15 Use rounding to subtract near multiples of ten	
	T					2.15 Use rounding to subtract near multiples of ten	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/Retrievelt CanDoTables 3x4	
13/11/2023	M	KPI 6	3AS-1, 3NF-3	Addition and subtraction: Mental Methods Extra Problem Solving Add ones to three-digit numbers using number facts where the tens don't change Add ones to three-digit numbers using bridging Add ones to three-digit numbers by rounding to ten then compensating Add tens to three-digit numbers using number facts, where the hundreds don't change	3 x table facts	2.6 Add a single digit number to a 2-digit number using known facts	
	T					2.6 Add a single digit number to a 2-digit number using known facts	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/KPI Workout CanDoTables 3x6	
20/11/2023	M	KPI 6	3AS-1, 3NF-3	Addition and subtraction: Mental Methods Add tens to three-digit numbers using bridging Add hundreds to three-digit numbers using number facts Add 99 to three-digit numbers using rounding to the nearest hundred and then compensating Add two 3-digit numbers using rounding to the nearest hundred and then compensating Add two 3-digit numbers by partitioning and recombining (no regrouping)	3 x table facts	2.12 Subtract a single digit number from a 2-digit number using numbers facts	
	T					2.12 Subtract a single digit number from a 2-digit number using numbers facts	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/Retrievelt CanDoTables 3x7	
27/11/2023	M	KPI 7	3AS-1, 3NF-3	Addition and subtraction: Mental Methods Add two 2-digit numbers where the sum exceeds 100, choosing an efficient mental strategy Extra Problem Solving Extra Problem Solving Subtract ones from three-digit numbers using number facts where the tens don't change Subtract ones from three-digit numbers using bridging	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line	
	T					3.2 Find 10 and 100 more or less than any given number	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/KPI Workout CanDoTables 3x8	
04/12/2023	M	KPI 7	3AS-1, 3NF-3	Addition and subtraction: Mental Methods Subtract ones from three-digit numbers by rounding to ten then compensating Subtract tens from three-digit numbers using number facts where the hundreds don't change Subtract tens from three-digit numbers using bridging Subtract hundreds from three-digit numbers using number facts Subtract from three-digit numbers using rounding and compensating	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line	
	T					3.2 Find 10 and 100 more or less than any given number	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/Retrievelt CanDoTables 3x9	
11/12/2023	M	KPI 7	3AS-1, 3NF-3	Addition and subtraction: Mental Methods Subtract two 3-digit numbers using partitioning no exchanging Subtract by finding the difference between two 3-digit numbers with the same hundreds digits Subtract by finding the difference between two numbers with different hundreds digits Extra Problem Solving	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line	
	T					3.2 Find 10 and 100 more or less than any given number	
	W					Deliberate Practice: Past and Present	
	F					Deliberate Practice: Past and Present/KPI Workout CanDoTables 3x12	
Christmas break							



Year 3 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 10	3F-3	Fractions	Extra Problem Solving	4 x table facts	3.10 Partition the second number to subtract tens then ones				
	T				Recognise and represent unit fractions		Deliberate Practice: Past and Present				
	W				Recognise and represent non-unit fractions		Deliberate Practice: Past and Present/KPI Workout				
	T				Compare two proper fractions which have the same denominator		CanDoTables 4 x 4				
08/01/2024	M			KPI 11, 13	3AS-2, 3NF-1	Fractions	Order a set of proper fractions which have the same denominator	4 x table facts	3.4 Add numbers by partitioning and recombining		
	T						Compare two unit fractions		3.10 Partition the second number to subtract tens then ones		
	W						Order a set of unit fractions		Deliberate Practice: Past and Present		
	T						Compare two proper fractions which have the same numerator >1 (small denominator)		Deliberate Practice: Past and Present/Retrievelt		
15/01/2024	M					KPI 11, 13	3AS-2, 3NF-1	Addition and Subtraction: Written Methods	Order a set of proper fractions which have the same numerator >1 (small denominator)	4 x table facts	CanDoTables 4 x 6
	T								Recognise and show equivalent proper fractions (denominators multiples of each other)		3.4 Add numbers by partitioning and recombining
	W								Extra Problem Solving		3.10 Partition the second number to subtract tens then ones
	T								Use column addition for two 3-digit numbers when regrouping is required in the ones column		Deliberate Practice: Past and Present
22/01/2024	M	KPI 11, 13	3AS-2, 3NF-1					Addition and Subtraction: Written Methods	Use column addition for two 3-digit numbers when regrouping is required in the tens column	4 x table facts	Deliberate Practice: Past and Present/KPI Workout
	T								Use column addition for two 3-digit numbers when regrouping is required in multiple columns		CanDoTables 4 x 7
	W								Use column addition for 3-digit and 2-digit numbers when regrouping is required in the ones column		3.17 Double 3- digit numbers
	T								Use column addition for 3-digit and 2-digit numbers when regrouping is required in the tens column		3.21 Halve 3-digit numbers
29/01/2024	M			KPI 12, 13	3AS-2, 3NF-1			Addition and Subtraction: Written Methods	Use column addition for 3-digit and 2-digit numbers when regrouping is required in multiple columns	4 x table facts	Deliberate Practice: Past and Present
	T								Choose efficient methods to add numbers with up to 3-digits		Deliberate Practice: Past and Present/Retrievelt
	W								Extra Problem Solving		CanDoTables 4 x 8
	T								Use column subtraction for 3-digit numbers when exchanging is required in the tens column		3.17 Double 3- digit numbers
05/02/2024	M					KPI 12, 13	3AS-2, 3NF-1	Addition and Subtraction: Written Methods	Use column subtraction for 3-digit numbers when exchanging is required in the hundreds column	4 x table facts	3.21 Halve 3-digit numbers
	T								Use column subtraction for 3-digit numbers when exchanging is required in multiple columns		Deliberate Practice: Past and Present
	W								Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the tens column		Deliberate Practice: Past and Present/KPI Workout
	T								Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the hundreds column		CanDoTables 4 x 9
05/02/2024	M	KPI 12, 13	3AS-2, 3NF-1					Addition and Subtraction: Written Methods	Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in multiple columns	4 x table facts	3.17 Double 3- digit numbers
	T								Choose efficient methods to subtract numbers with up to 3-digits		3.21 Halve 3-digit numbers
	W								Extra Problem Solving		Deliberate Practice: Past and Present
	T								Extra Problem Solving		Deliberate Practice: Past and Present/Retrievelt
					End of Term Assessment: Remember It 3				CanDoTables 4 x 12		
Half Term											



Year 3 Term 4

Term 4. W/c		KPI	D/E 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 14, 16	4MD-3, (5MD-3)	Multiplication and Division	Extra Problem Solving	8 x table facts	3.6 Use rounding to add near multiples of ten					
	T				Multiply 2-digit numbers by 10 using place value		3.18 Multiply numbers by 10 using place value					
	W				Multiply 1-digit numbers by multiples of 10 using place value		Deliberate Practice: Past and Present					
	T				Use the distributive law to multiply a teens number by a one-digit number		Deliberate Practice: Past and Present/KPI Workout					
F	Use the distributive law to multiply a two-digit number by a one-digit number			CanDoTables 8 x 3								
26/02/2024	M			KPI 15	4NF-2		Multiplication and Division	Extra Problem Solving	8 x table facts	3.6 Use rounding to add near multiples of ten		
	T							Multiply 2-digit numbers by a 1-digit number using a formal written method (regroup ones)		3.18 Multiply numbers by 10 using place value		
	W							Multiply 2-digit numbers by a 1-digit number using a formal written method (regroup tens)		Deliberate Practice: Past and Present		
	T		Multiply 2-digit numbers by a 1-digit number using a formal written method (multiple)					Deliberate Practice: Past and Present/Retrievelt				
F	Use efficient methods to multiply a two-digit number by a one-digit number		CanDoTables 8 x 4									
04/03/2024	M		KPI 15				4NF-2	Multiplication and Division		Extra Problem Solving	8 x table facts	Ready to Progress Paper 3
	T									Divide near multiples by 2, 3, 4, 5, 8, 10 with remainders		3.18 Multiply numbers by 10 using place value
	W	Divide a 3-digit multiple of ten by 10 using place value				Deliberate Practice: Past and Present						
	T	Use known facts and place value when dividing mentally by 2, 3, 4, 5, and 8 e.g. $120 \div 4$			Deliberate Practice: Past and Present/KPI Workout							
F	Use partitioning to divide by a single digit number where the quotient is a teens number	CanDoTables 8 x 6										
11/03/2024	M	KPI 15			4NF-2	Measurement: Money		Extra Problem Solving		8 x table facts		3.11 Use rounding to subtract near multiples of ten
	T							Extra Problem Solving				3.22 Divide numbers by 10 using place value
	W			Extra Problem Solving				Deliberate Practice: Past and Present				
	T			Use combinations of coins to make amounts beyond £1			Deliberate Practice: Past and Present/Retrievelt					
F	Add amounts in pence expressing the answer using £ and p (regrouping in the tens)			CanDoTables 8 x 7								
18/03/2024	M			KPI 15		4NF-2	Measurement: Money	Add amounts in pounds and pence	8 x table facts			3.11 Use rounding to subtract near multiples of ten
	T							Subtract pence from £2				3.22 Divide numbers by 10 using place value
	W		Subtract pence from £5					Deliberate Practice: Past and Present				
	T		Subtract pounds and pence from £5		Deliberate Practice: Past and Present/KPI Workout							
F	Subtract pounds and pence from £10		CanDoTables 8 x 7									
25/03/2024	M		KPI 15		4NF-2		Measurement: Money	Calculate change beyond £1			8 x table facts	3.11 Use rounding to subtract near multiples of ten
	T							Extra Problem Solving				3.22 Divide numbers by 10 using place value
	W	Extra Problem Solving						Deliberate Practice: Past and Present				
	T	End of Term Assessment: Remember It 4				Deliberate Practice: Past and Present/Retrievelt						
F												
Easter Break												



Year 3 Term 5

Term 5. 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
15/04/2024	M	KPI 17	3F-2, 5F-1	Fractions: Calculating	Extra Problem Solving	3 x table facts	3.3 Partition 3-digit numbers in different ways
	T				Find unit fractions of a number of objects		3.19 Multiply by a multiple of 10 by using place value
	W				Find unit fractions of an amount		Deliberate Practice: Past and Present
	T				Find non-unit fractions of a number of objects		Deliberate Practice: Past and Present/KPI Workout
22/04/2024	F	KPI 18	3F-4	Fractions: Calculating	Find non-unit fractions of an amount	3 x table facts	CanDoTables 3 x 5
	M				Add fractions with the same denominator within one whole		3.3 Partition 3-digit numbers in different ways
	T				Subtract fractions with the same denominator within one whole		3.19 Multiply by a multiple of 10 by using place value
	W				Extra Problem Solving		Deliberate Practice: Past and Present
29/04/2024	F	KPI 19		Measurement: Time	Read Roman numerals up to XII	8 x table facts	Deliberate Practice: Past and Present/RetrieveIt
	M				Know the number of seconds in a minute and multiple minutes		CanDoTables 3 x 11
	T				Know the number of days in each month, year and leap year		3.3 Partition 3-digit numbers in different ways
	W				Tell the time to one minute intervals past the hour on an analogue clock		3.19 Multiply by a multiple of 10 by using place value
06/05/2024	T	KPI 20		Measurement: Time	Draw the hands on a clock to show one minute intervals past the hour on an analogue clock	8 x table facts	Deliberate Practice: Past and Present
	F				Tell the time to one minute intervals to the hour on an analogue clock		Deliberate Practice: Past and Present/KPI Workout
	M				Draw the hands on a clock to show one minute intervals to the hour on an analogue clock		CanDoTables 8 x 5
	T				Bank Holiday		
13/05/2024	W	KPI 20		Measurement: Time	Read analogue time and record using digital format	8 x table facts	3.23 Divide by a multiple of 10 by using place value
	T				Read digital time and write using 'to' and 'past'		Deliberate Practice: Past and Present
	F				Sequence events using a.m. and p.m.		Deliberate Practice: Past and Present/RetrieveIt
	M				Compare times given in seconds, minutes and/or hours		CanDoTables 8 x 9
20/05/2024	T	KPI 20		Measurement: Time	Calculate the duration of events less than one hour	8 x table facts	3.9 Subtract numbers by finding the difference between them
	W				Calculate the duration of events more than one hour		3.23 Divide by a multiple of 10 by using place value
	T				Extra Problem Solving		Deliberate Practice: Past and Present
	F				Extra Problem Solving		Deliberate Practice: Past and Present/KPI Workout
20/05/2024	F	KPI 20		See Term 6	End of Term Assessment: Remember It 5	Bonds of 8	CanDoTables 8 x 12
	M						
	T				For the academic year 2023-2024 see week 1 of Term 6 for manageable steps		
	W						
Half Term							



Year 3 Term 6

Term 6. W/c		KPI	D/E/R/T/P	Maths Lessons: Intelligent Practice Lesson by Lesson Plan Resources for planning included in Gold and All Access Pass		Fact Check
20/05/2024	M	KPI 21	(4G-2)	Measurement: Length, Mass and Capacity (2023-2024 to be taught in the last week of term 5)	Extra Problem Solving	Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It
	T				Use a ruler to measure lengths in millimetres	
	W				Compare the length of two objects	
	F				Order lengths Add lengths	
03/06/2024	M	KPI 21	(4G-2)	Measurement: Length, Mass and Capacity	Subtract lengths	8 x table facts
	T				Find the perimeter of a 2-D shapes by measuring	
	W				Measure mass	
	F				Compare mass Order mass	
10/06/2024	M	KPI 21	(4G-2)	Measurement: Length, Mass and Capacity	Add and subtract mass	8 x table facts
	T				Measure capacity	
	W				Compare capacity	
	F				Add and subtract capacities Use scaling with measures	
17/06/2024	M	KPI 22	3G-1	Geometry: Properties of Shapes (Angles)	Extra Problem Solving	4 x table facts
	T				Extra Problem Solving	
	W				Understand that angle is a description of turn	
	F				Understand that angles are a feature of shapes Identify a right angle as a quarter turn	
24/06/2024	M	KPI 22	3G-1	Geometry: Properties of Shapes (Angles)	Identify when a shape has a right angle	4 x table facts
	T				Recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn	
	W				Identify angles that are less than or greater than a right angle	
	F				Extra Problem Solving Extra Problem Solving	
01/07/2024	M	KPI 23		Statistics	Interpret a pictogram where the symbol represents multiple items	3 x table facts
	T				Construct a pictogram where the symbol represents multiple items	
	W				Interpret a bar chart	
	F				Construct a bar chart Interpret data in a table	
08/07/2024	M	KPI 23		Statistics	Create a table to show data	3 x table facts
	T				Extra Problem Solving	
	W				Extra Problem Solving	
	F				Extra Problem Solving <i>End of Term Assessment: Remember It 6</i>	
15/07/2024	M	KPI 23		Extra Problem Solving	Extra Problem Solving	3 x table facts
	T				Extra Problem Solving	
	W				Extra Problem Solving	
	F				Extra Problem Solving Extra Problem Solving	
22/07/2024	M	KPI 23			TDD	3 x table facts
	T				TDD	
Summer Holiday						