Year 3

Termly Plans
Academic Year 2020 - 2021

Teach Up

Mathematics Lessons

Manageable Steps

Intelligent Practice

Keep Up

Maths on Track Meetings

Weekly Suggestions

Deliberate Practice

Year 3 Term 1

Term 1 W/c		Topic	Maths Lessons: Intelligent Practice Lesson by Lesson Plan	Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
01/09/2020	M	Number and Place Value	TDD	2 x table facts	
	T		Remember This?		ArithmeCheck 2
	W		Represent 3-digit numbers		Deliberate Practice: Past and Present
	T		Recognise the value of digits in 3-digit numbers		Deliberate Practice: Past and Present
	F		Partition 3-digit numbers in different ways		CanDo Tables 2x6
07/09/2020	M	Number and Place Value	Read 3-digit numbers in words and write using numerals	2 x table facts	2.19 Double numbers
	T		Read 3-digit numbers in numerals ad write in words		2.19 Double numbers
	W		Read 3-digit numbers in words and write using numerals including zero as a place holder		Deliberate Practice: Past and Present
	T		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		CanDo Tables 2x7
14/09/2020	M	Number and Place Value	Represent 3-digit numbers on a number line	2 x table facts	2.22 Halve numbers
	T		Count in steps of 50 and 100 from zero		2.22 Halve numbers
	W		Count up in steps of 10 from any 2 or 3-digit number		Deliberate Practice: Past and Present
	T		Count back in steps of 10 from any 3-digit number		Deliberate Practice: Past and Present
	F		Count up in steps of 100 from any 2 or 3-digit number		CanDo Tables 2x8
21/09/2020	M	Number and Place Value	Count back in steps of 100 from any 3-digit number	10 x table facts	2.20 Recognise odd and even numbers
	T		Find 10 more than a given number		2.20 Recognise odd and even numbers
	W		Find 10 less than a given number		Deliberate Practice: Past and Present
	T		Find 100 more than a given number		Deliberate Practice: Past and Present
	F		Find 100 less than a given number		CanDo Tables 10x7
28/09/2020	M	Number and Place Value	Compare any two 3-digit numbers	10 x table facts	2.10 Use known facts of 10 to derive other facts
	T		Order 3-digit numbers with different hundreds		2.10 Use known facts of 10 to derive other facts
	W		Order 3-digit numbers with the same hundreds		Deliberate Practice: Past and Present
	T		Order 3-digit numbers		Deliberate Practice: Past and Present
	F		Find tenths of whole numbers and express as fractions and decimals		CanDo Tables 10x8
05/10/2020	M	Number and Place Value	Count up in tenths and position them on a number line	5 x table facts	2.13 Find the difference between two numbers
	T		Count down in tenths and position them on a number line		2.13 Find the difference between two numbers
	W		Extra Problem Solving		Deliberate Practice: Past and Present
	T		Extra Problem Solving		Deliberate Practice: Past and Present
	F		Remember This?		CanDo Tables 5x6
12/10/2020	M	Geometry: Properties of Shapes	Identify and draw horizontal lines	5 x table facts	2.5 Add multiples of ten to a 2-digit number
	T		Identify and draw vertical lines		2.5 Add multiples of ten to a 2-digit number
	W		Identify and draw parallel lines		Deliberate Practice: Past and Present
	T		Identify and draw perpendicular lines		Deliberate Practice: Past and Present
	F		Draw common 2D shapes		CanDo Tables 5x7
19/10/2020	M	Geometry: Properties of Shapes	Name and describe 3D shapes	5 x table facts	2.11 Subtract multiples of ten from a 2-digit number
	T		Make 3D shapes using modelling materials		2.11 Subtract multiples of ten from a 2-digit number
	W		Extra Problem Solving		Deliberate Practice: Past and Present
	T		Extra Problem Solving		Deliberate Practice: Past and Present
	F		End of Term Assessment: Remember It		CanDo Tables 5x8

Half Term

Year 3 Term 2

Term 2. W/c			Maths Lessons: Intelligent Practice Lesson by Lesson Plan	Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
02/11/2020	M	Multiplication and Division: Multiplication Tables	Build the 3x table	3 x table facts	2.7 Use rounding to add near multiples of ten
	T		Recall and use multiplication facts for the 3 times table		2.7 Use rounding to add near multiples of ten
	W		Recall and use division facts for the 3 times table		Deliberate Practice: Past and Present
	T		Build the 4x table and count in steps of 4 and multiples of 4 from zero		Deliberate Practice: Past and Present
	F		Recall and use multiplication facts for the 4 times table		CanDoTables 3x3
09/11/2020	M	Multiplication and Division: Multiplication Tables	Recall and use division facts for the 4 times table	3 x table facts	2.15 Use rounding to subtract near multiples of ten
	T		Build the 8x table and count in steps of 8 and multiples of 8 from zero		2.15 Use rounding to subtract near multiples of ten
	W		Recall and use multiplication facts for the 8 times table		Deliberate Practice: Past and Present
	T		Recall and use division facts for the 8 times table		Deliberate Practice: Past and Present
	F		Extra Problem Solving		CanDoTables 3x4
16/11/2020	M	Addition and subtraction: Mental Methods	Remember This?"	3 x table facts	2.6 Add a single digit number to a 2-digit number using known facts
	T		Add ones to three-digit numbers using number facts where the tens don't change		2.6 Add a single digit number to a 2-digit number using known facts
	W		Add ones to three-digit numbers using bridging		Deliberate Practice: Past and Present
	T		Add ones to three-digit numbers by rounding to ten then compensating		Deliberate Practice: Past and Present
	F		Add tens to three-digit numbers using number facts, where the hundreds don't change		CanDoTables 3x6
23/11/2020	M	Addition and subtraction: Mental Methods	Add tens to three-digit numbers using bridging	3 x table facts	2.12 Subtract a single digit number from a 2-digit number using numbers facts
	T		Add hundreds to three-digit numbers using number facts		2.12 Subtract a single digit number from a 2-digit number using numbers facts
	W		Add 99 to three-digit numbers using rounding to the nearest hundred and then compensating		Deliberate Practice: Past and Present
	T		Add two 3-digit numbers using rounding to the nearest hundred and then compensating		Deliberate Practice: Past and Present
	F		Add two 3-digit numbers by partitioning and recombining (no regrouping)		CanDoTables 3x7
30/11/2020	M	Addition and subtraction: Mental Methods	Add two 2-digit numbers where the sum exceeds 100, choosing an efficient mental strategy	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line
	T		Extra Problem Solving		3.2 Find 10 and 100 more or less than any given number
	W		Remember This?		Deliberate Practice: Past and Present
	T		Subtract ones from three-digit numbers using number facts where the tens don't change		Deliberate Practice: Past and Present
	F		Subtract ones from three-digit numbers using bridging		CanDoTables 3x8
07/12/2020	M	Addition and subtraction: Mental Methods	Subtract ones from three-digit numbers by rounding to ten then compensating	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line
	T		Subtract tens from three-digit numbers using number facts where the hundreds don't change		3.2 Find 10 and 100 more or less than any given number
	W		Subtract tens from three-digit numbers using bridging		Deliberate Practice: Past and Present
	T		Subtract hundreds from three-digit numbers using number facts		Deliberate Practice: Past and Present
	F		Subtract from three-digit numbers using rounding and compensating		CanDoTables 3x9
14/12/2020	M	Addition and subtraction: Mental Methods	Subtract two 3-digit numbers using partitioning no exchanging	3 x table facts	3.1 Compare and order numbers up to 1000 & position them on a number line
	T		Subtract by finding the difference between two 3-digit numbers with the same hundreds digits		3.2 Find 10 and 100 more or less than any given number
	W		Subtract by finding the difference between two numbers with different hundreds digits		Deliberate Practice: Past and Present
	T		Extra Problem Solving		Deliberate Practice: Past and Present
	F		*End of Term Assessment: Remember It*		CanDoTables 3x12
			Christmas break		

Year 3 Term 3

Term 3. W/c			Maths Lessons: Intelligent Practice Lesson by Lesson Plan		Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
04/01/2021	M	Fractions	TDD		4 x table facts	
	T		Remember This?			3.10 Partition the second number to subtract tens then ones
	W		Recognise and represent unit fractions			Deliberate Practice of this week's learning
	T		Recognise and represent non-unit fractions			Deliberate Practice of this week's learning
	F		Compare two proper fractions which have the same denominator			CanDoTables 4 x 4
05/01/2021	M	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 of this week's learning
	T		Compare two proper fractions which have the same numerator >1 (small denominator)			Deliberate Practice of this week's learning
	F		Order a set of proper fractions which have the same numerator >1 (small denominator)			CanDoTables 4 x 6
18/01/2021	M	Addition and Subtraction: Written Methods	Recognise and show equivalent proper fractions (denominators multiples of each other)		4 x table facts	3.4 Add numbers by partitioning and recombining
	T		Extra Problem solving			3.10 Partition the second number to subtract tens then ones
	W		Remember This?			Deliberate Practice of this week's learning
	T		Use column addition for two 3-digit numbers when regrouping is required in the ones column			Deliberate Practice of this week's learning
	F		Use column addition for two 3-digit numbers when regrouping is required in the tens column			CanDoTables 4 x 7
25/01/2021	M	Addition and Subtraction: Written Methods	Use column addition for two 3-digit numbers when regrouping is required in multiple columns		4 x table facts	3.17 Double 3- digit numbers
	T		Use column addition for 3-digit and 2-digit numbers when regrouping is required in the ones column			3.21 Halve 3-digit numbers
	W		Use column addition for 3-digit and 2-digit numbers when regrouping is required in the tens column			Deliberate Practice of this week's learning
	T		Use column addition for 3-digit and 2-digit numbers when regrouping is required in multiple columns			Deliberate Practice of this week's learning
	F		Choose efficient methods to add numbers with up to 3-digits			CanDoTables 4 x 8
01/02/2021	M	Addition and Subtraction: Written Methods	Use column subtraction for 3-digit numbers when exchanging is required in the tens column		4 x table facts	3.17 Double 3- digit numbers
	T		Use column subtraction for 3-digit numbers when exchanging is required in the hundreds column			3.21 Halve 3-digit numbers
	W		Use column subtraction for 3-digit numbers when exchanging is required in multiple columns			Deliberate Practice of this week's learning
	T		Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the tens column			Deliberate Practice of this week's learning
	F		Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the hundreds column			CanDoTables 4 x 9
08/02/2021	M	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 of this week's learning
	T		Extra Problem solving			Deliberate Practice of this week's learning
	F		*End of Term Assessment: Remember It*			CanDoTables 4 x 12
Half Term						

Year 3 Term 4

Term 4. W/c			Maths Lessons: Intelligent Practice Lesson by Lesson Plan	Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
22/02/2021	M	Multiplication and Division	Remember This?	8 x table facts	3.6 Use rounding to add mear 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 of this week's learning
	T		Use the distributive law to multiply a teens number by a one-digit number		Deliberate Practice of this week's learning
	F		Use the distributive law to multiply a two-digit number by a one-digit number		CanDoTables 8 x 3
01/03/2021	M	Multiplication and Division	Multiply 2-digit numbers by a 1-digit number using a formal written method (regroup ones)	8 x table facts	3.6 Use rounding to add mear multiples of ten
	T		Multiply 2-digit numbers by a 1-digit number using a formal written method (regroup tens)		3.18 Multiply numbers by 10 using place value
	W		Multiply 2-digit numbers by a 1-digit number using a formal written method (multiple)		Deliberate Practice of this week's learning
	T		Use efficient methods to multiply a two-digit number by a one-digit number		Deliberate Practice of this week's learning
	F		Divide near multiples by 2, 3, 4, 5, 8, 10 with remainders		CanDoTables 8 x 4
08/03/2021	M	Multiplication and Division	Divide a 3-digit multiple of ten by 10 using place value	8 x table facts	3.6 Use rounding to add mear multiples of ten
	T		Use known facts and place value when dividing mentally by 2, 3, 4, 5, and 8 e.g. 120 ÷ 4		3.18 Multiply numbers by 10 using place value
	W		Use partitioning to divide by a single digit number where the quotient is a teens number		Deliberate Practice of this week's learning
	T		Use multiplication or division to solve scaling or correspondence problems		Deliberate Practice of this week's learning
	F		Extra Problem Solving		CanDoTables 8 x 6
15/03/2021	M	Measurement: Money	Extra Problem Solving	8 x table facts	3.11 Use rounding to subtract mear multiples of ten
	T		Remember This?		3.22 Divide numbers by 10 using place value
	W		Use combinations of coins to make amounts beyond £1		Deliberate Practice of this week's learning
	T		Add amounts in pence expressing the answer using £ and p (regrouping in the tens)		Deliberate Practice of this week's learning
	F		Add amounts in pounds and pence		CanDoTables 8 x 7
22/03/2021	M	Measurement: Money	Subtract pence from £2	8 x table facts	3.11 Use rounding to subtract mear multiples of ten
	T		Subtract pence from £5		3.22 Divide numbers by 10 using place value
	W		Subtract pounds and pence from £5		Deliberate Practice of this week's learning
	T		Subtract pounds and pence from £10		Deliberate Practice of this week's learning
	F		Calculate change beyond £1		CanDoTables 8 x 8
29/03/2021	M	Measurement: Money	Extra Problem Solving	8 x table facts	3.11 Use rounding to subtract mear multiples of ten
	T		Extra Problem Solving		3.22 Divide numbers by 10 using place value
	W		Extra Problem Solving		Deliberate Practice of this week's learning
	T		End of Term Assessment: Remember It		Deliberate Practice of this week's learning
	F		Good Friday		
Easter Break					

Year 3 Term 5

Term 5. W/c			Maths Lessons: Intelligent Practice Lesson by Lesson Plan	Fact Check		Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
19/04/2021	M	Fractions:Calculating	Remember This?		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 of this week's learning
	T		Find non-unit fractions of a number of objects			Deliberate Practice of this week's learning
	F		Find non-unit fractions of an amount			CanDoTables 3 x 5
26/04/2021	M	Fractions:Calculating	Add fractions with the same denominator within one whole		3 x table facts	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 of this week's learning
	T		Remember This?			Deliberate Practice of this week's learning
	F		Read Roman numerals up to XII			CanDoTables 3 x 11
03/05/2021	M	Measurement: Time	Bank Holiday		8 x table facts	
	T		Know the number of seconds in a minute and multiple minutes			3.19 Multiply by a multiple of 10 by using place value
	W		Know the number of days in each month, year and leap year			Deliberate Practice of this week's learning
	T		Tell the time to one minute intervals past the hour on an analogue clock			Deliberate Practice of this week's learning
	F		Draw the hands on a clock to show one minute intervals past the hour on an analogue clock			CanDoTables 8 x 5
10/05/2021	M	Measurement: Time	Tell the time to one minute intervals to the hour on an analogue clock		8 x table facts	3.9 Subtract numbers by finding the difference between them
	T		Draw the hands on a clock to show one minute intervals to the hour on an analogue clock			3.23 Divide by a multiple of 10 by using place value
	W		Read analogue time and record using digital format			Deliberate Practice of this week's learning
	T		Read digital time and write using 'to' and 'past'			Deliberate Practice of this week's learning
	F		Sequence events using a.m. and p.m.			CanDoTables 8 x 9
17/05/2021	M	Measurement: Time	Compare times given in seconds, minutes and/or hours		8 x table facts	3.9 Subtract numbers by finding the difference between them
	T		Calculate the duration of events less than one hour			3.23 Divide by a multiple of 10 by using place value
	W		Calculate the duration of events more than one hour			Deliberate Practice of this week's learning
	T		Extra Problem Solving			Deliberate Practice of this week's learning
	F		*End of Term Assessment: Remember It*			CanDoTables 8 x 12
24/05/2021	M	See Term 6				
	T					
	W		For the academic year 2020-2021see week 1 of Term 6 for manageable steps			
	T					
	F					
			Half Term			

Year 3 Term 6

Term 6. W/c			Maths Lessons: Intelligent Practice Lesson by Lesson Plan	Fact Check	Maths on Track: Deliberate Practice Suggested focus based on the ArithmeKit Magic 24
24/05/2021	M	Measurement: Length, Mass and Capacity (In 2020-2021 to be taught in the last week of term 5)	Remember This?	8 x table facts	3.9 Subtract numbers by finding the difference between them
	T		Use a ruler to measure lengths in millimetres		3.23 Divide by a multiple of 10 by using place value
	W		Compare the length of two objects		Deliberate Practice of this week's learning
	T		Order lengths		Deliberate Practice of this week's learning
	F		Add lengths		Factor Factor Product
07/06/2021	M	Measurement: Length, Mass and Capacity	Subtract lengths	8 x table facts	3.7 Add 3-digit numbers using appropriate mental strategies
	T		Find the perimeter of a 2-D shapes by measuring		3.20 Use partitioning and known facts to multiply 2-digit by 1-digit mentally
	W		Measure mass		Deliberate Practice of this week's learning
	T		Compare mass		Deliberate Practice of this week's learning
	F		Order mass		Factor Factor Product
14/06/2021	M	Measurement: Length, Mass and Capacity	Add and subtract mass	8 x table facts	3.7 Add 3-digit numbers using appropriate mental strategies
	T		Measure capacity		3.20 Use partitioning and known facts to multiply 2-digit by 1-digit mentally
	W		Compare capacity		Deliberate Practice of this week's learning
	T		Add and subtract capacities		Deliberate Practice of this week's learning
	F		Use scaling with measures		Factor Factor Product
21/06/2021	M	Geometry: Properties of Shapes (Angles)	Extra Problem Solving	4 x table facts	3.7 Add 3-digit numbers using appropriate mental strategies
	T		Remember This?		3.20 Use partitioning and known facts to multiply 2-digit by 1-digit mentally
	W		Understand that angle is a description of turn		Deliberate Practice of this week's learning
	T		Understand that angles are a feature of shapes		Deliberate Practice of this week's learning
	F		Identify a right angle as a quarter turn		Factor Factor Product
28/06/2021	M	Geometry: Properties of Shapes (Angles)	Identify when a shape has a right angle	4 x table facts	3.12 Subtract 3-digit numbers using appropriate mental strategies
	T		Recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn		3.24 Use partitioning and known facts to divide 2-digit by 1-digit mentally
	W		Identify angles that are less than or greater than a right angle		Deliberate Practice of this week's learning
	T		Extra Problem Solving		Deliberate Practice of this week's learning
	F		Remember This?		Factor Factor Product
05/07/2021	M	Statistics	Interpret a pictogram where the symbol represents multiple items	3 x table facts	3.12 Subtract 3-digit numbers using appropriate mental strategies
	T		Construct a pictogram where the symbol represents multiple items		3.24 Use partitioning and known facts to divide 2-digit by 1-digit mentally
	W		Interpret a bar chart		Deliberate Practice of this week's learning
	T		Construct a bar chart		Deliberate Practice of this week's learning
	F		Interpret data in a table		Factor Factor Product
12/07/2021	M	Statistics	Create a table to show data	3 x table facts	3.12 Subtract 3-digit numbers using appropriate mental strategies
	T		Extra Problem Solving		3.24 Use partitioning and known facts to divide 2-digit by 1-digit mentally
	W		Extra Problem Solving		Deliberate Practice of this week's learning
	T		Extra Problem Solving		Deliberate Practice of this week's learning
	F		Extra Problem Solving		Factor Factor Product
19/07/2021	M	Statistics	Extra Problem Solving		Deliberate Practice: Past and Present
	T		Extra Problem Solving		Deliberate Practice: Past and Present
	W		*End of Term Assessment: Remember It*		Deliberate Practice: Past and Present
	T		TDD		
	F		TDD		
Summer Holiday					