Year 4

Welcome to our lesson by lesson overview for 2020-21. This has been designed to give schools a clear progression to follow in case a blended learning approach is needed.

We have taken into account potential lost learning during the lockdown period by adding in recap lessons. These are indicated with an (R)

🎥   Each lesson will link to a video tutorial produced by one of our maths specialists which can be used in a variety of ways:
- ✓ at home if classes, local areas or everyone goes into lockdown
- ✓ in small groups during intervention sessions
- ✓ with TAs or learning assistants, particularly with mixed age classes
- ✓ on tablets to promote independent learning.

All the videos are freely available and most of them are linked to a worksheet that will be available through the premium website. We will also make the non-voiced over PowerPoint version of the video available to use as a front of class teaching tool.

For those lessons that say 'activity', the activity will be explained through the video. You will notice that some lessons are repeated. This happens with some key concepts as children may need more time to embed their learning.

For example there are two lessons on 'Finding the difference' in year 1.

| Monday | Subtraction - finding the difference | NF-1 AS-2 |
| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. You can find the full guidance document **here** which includes the meanings of each code.

Release dates – our videos and front of class PowerPoints will be released over the year in line with this progression. We recommend, if you are using this, to use the dates we have provide.

Year 4 – Autumn Term

White Rose Maths

Week	Day	Topic	
1 07/09/2020	Monday	Numbers to 1,000	**NPV-2** Ⓡ
	Tuesday	100s. 10s and 1s	**NPV-2** Ⓡ
	Wednesday	Number line to 1,000	**NPV-4** Ⓡ
	Thursday	Round to the nearest 10	**NPV-3**
	Friday	Round to the nearest 100	**NPV-3**
2 14/09/2020	Monday	Count in 1000s	**NPV-1**
	Tuesday	Represent numbers to 10,000 activity	**NPV-2**
	Wednesday	1000s, 100s, 10s and 1s	**NPV-2**
	Thursday	Partitioning	**NPV-2**
	Friday	The number line to 10,000	**NPV-3**
3 21/09/2020	Monday	Find 1, 10, 100 more or less	**NPV-3** Ⓡ
	Tuesday	1,000 more or less	**NPV-3**
	Wednesday	Compare 4-digit numbers	**NPV-3**
	Thursday	Order numbers	**NPV-3**
	Friday	Round to the nearest 1,000	**NPV-3**
4 28/09/2020	Monday	Count in 25s	**NPV-3**
	Tuesday	Introducing negative numbers activity	**NPV-3**
	Wednesday	Negative numbers	**NPV-3**
	Thursday	Roman numerals	**NPV-3**
	Friday	Mini-assessment	

Week	Day	Topic	
5 05/10/2020	Monday	Add and subtract 1s, 10s, 100s and 1,000s	
	Tuesday	Add two 3-digit numbers - not crossing 10 or 100	Ⓡ
	Wednesday	Add two 4-digit numbers - no exchange	
	Thursday	Add two 3-digit numbers - crossing 10 or 100	Ⓡ
	Friday	Add two 4-digit numbers - one exchange	
6 12/10/2020	Monday	Add two 4-digit numbers - more than one exchange	
	Tuesday	Subtract a 3-digit number from a 3-digit number - no exchange	Ⓡ
	Wednesday	Subtract two 4-digit numbers - no exchange	
	Thursday	Subtract a 3-digit number from a 3-digit number - exchange	Ⓡ
	Friday	Subtract two 4-digit numbers - one exchange	
7 19/10/2020	Monday	Subtract two 4-digit numbers - more than one exchange	
	Tuesday	Efficient Subtraction	
	Wednesday	Estimate answers	
	Thursday	Checking strategies	
	Friday	Mini-assessment	
8 02/11/2020	Monday	Equivalent lengths - m and cm	Ⓡ
	Tuesday	Equivalent lengths - mm and cm	Ⓡ
	Wednesday	Kilometres	
	Thursday	Add lengths	Ⓡ
	Friday	Subtract lengths	Ⓡ
9 09/11/2020	Monday	Measure perimeter **G-2**	Ⓡ
	Tuesday	Perimeter on a grid **G-2**	
	Wednesday	Perimeter of a rectangle **G-2**	
	Thursday	Perimeter of rectilinear shapes **G-2**	
	Friday	Mini-assessment	

Week	Day	Topic	
10 16/11/2020	Monday	Multiply by 10	**MD-1**
	Tuesday	Multiply by 100	**MD-1**
	Wednesday	Divide by 10	**MD-1**
	Thursday	Divide by 100	**MD-1**
	Friday	Multiply by 1 and 0	**NF-1 MD-2**
11 23/11/2020	Monday	Divide by 1 and itself	**NF-1 MD-2**
	Tuesday	Multiply and divide by 3	**NF-1 MD-2 Ⓡ**
	Wednesday	The 3 times-table	**NF-1 MD-2 Ⓡ**
	Thursday	Multiply and divide by 6	**NF-1 MD-2**
	Friday	6 times-table and division facts	**NF-1 MD-2**
12 30/11/2020	Monday	Multiply and divide by 9	**NF-1 MD-2**
	Tuesday	9 times-table and division facts	**NF-1 MD-2**
	Wednesday	Multiply and divide by 7	**NF-1 MD-2**
	Thursday	7 times-table and division facts	**NF-1 MD-2**
	Friday	Mini-assessment	
13 07/12/2020		Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.	
14 14/12/2020		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 4 – Spring Term

White R⊙se Maths

Week	Day	Topic	
1 04/01/2021	Monday	11 and 12 times-table	**NF-1 MD-2**
	Tuesday	Multiply 3 numbers	**NF-1 MD-2**
	Wednesday	Factor pairs	**MD-2**
	Thursday	Efficient multiplication	**MD-2**
	Friday	Written methods	**MD-2**
2 11/01/2021	Monday	Multiply 2-digits by 1-digit	**MD-3** Ⓡ
	Tuesday	Multiply 2-digits by 1-digit	**MD-3**
	Wednesday	Multiply 3-digits by 1-digit	**MD-3**
	Thursday	Divide 2-digits by 1-digit	**MD-3** Ⓡ
	Friday	Divide 2-digits by 1-digit (1)	**MD-3**
3 18/01/2021	Monday	Divide 2-digits by 1-digit	**MD-3** Ⓡ
	Tuesday	Divide 2-digits by 1-digit (2)	**MD-3**
	Wednesday	Divide 3-digits by 1-digit	**MD-3**
	Thursday	Correspondence problems	**MD-3**
	Friday	Mini-assessment	
4 25/01/2021	Monday	What is area?	
	Tuesday	Counting squares	
	Wednesday	Making shapes	
	Thursday	Comparing area	
	Friday	Mini-assessment	

Week	Day	Topic	
5 01/02/2021	Monday	Unit and non-unit fractions	**F-1** ⓡ
	Tuesday	What is a fraction?	**F-1**
	Wednesday	Tenths	**F-1** ⓡ
	Thursday	Count in tenths	**F-1** ⓡ
	Friday	Equivalent fractions (1)	**F-1** ⓡ
6 08/02/2021	Monday	Equivalent fractions (2)	**F-1** ⓡ
	Tuesday	Equivalent fractions (1)	**F-1**
	Wednesday	Equivalent fractions (2)	**F-1**
	Thursday	Fractions greater than 1	**F-2**
	Friday	Count in fractions	**F-2**
7 22/02/2021	Monday	Add fractions	**F-3** ⓡ
	Tuesday	Add 2 or more fractions	**F-3**
	Wednesday	Subtract fractions	**F-3** ⓡ
	Thursday	Subtract 2 fractions	**F-3**
	Friday	Subtract from whole amounts	**F-3**
8 01/03/2021	Monday	Fractions of a set of objects (1)	ⓡ
	Tuesday	Fractions of a set of objects (2)	ⓡ
	Wednesday	Calculate fractions of a quantity	
	Thursday	Problem solving - calculate quantities	
	Friday	Mini-assessment	
9 08/03/2021	Monday	Tenths and hundredths activity	
	Tuesday	Recognise tenths and hundredths	
	Wednesday	Tenths as decimals	
	Thursday	Tenths on a place value grid	
	Friday	Tenths on a number line	

Week	Day	Topic
10 15/03/2021	Monday	Divide 1-digit by 10
	Tuesday	Divide 2-digits by 10
	Wednesday	Hundredths
	Thursday	Hundredths as decimals
	Friday	Hundredths on a place value grid
11 22/03/2021	Monday	Divide 1 or 2-digits by 100
	Tuesday	Mini-assessment
		Consolidation
12 29/03/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.

Year 4 – Summer Term

Lesson by lesson overview 2020/21

Week	Day	Topic	
1 12/04/2021	Monday	Bonds to 10 and 100	Ⓡ
	Tuesday	Make a whole	
	Wednesday	Write decimals activity	
	Thursday	Write decimals	
	Friday	Compare decimals	
2 19/04/2021	Monday	Order decimals	
	Tuesday	Round decimals activity	
	Wednesday	Round decimals	
	Thursday	Halves and quarters	
	Friday	Mini-assessment	
3 26/04/2021	Monday	Pounds and pence	
	Tuesday	Ordering money	
	Wednesday	Estimating money	
	Thursday	Convert pounds and pence	Ⓡ
	Friday	Add money	Ⓡ
4 03/05/2021	Monday	Subtract money	Ⓡ
	Tuesday	Find change	Ⓡ
	Wednesday	Working with money activity	
	Thursday	Four operations	
	Friday	Mini-assessment	

Week	Day	Topic	
5 10/05/2021	Monday	Telling the time to 5 minutes	R
	Tuesday	Telling the time to the minute	R
	Wednesday	Using a.m. and p.m.	R
	Thursday	24-hour clock	R
	Friday	Hours, minutes and seconds	
6 17/05/2021	Monday	Years, months, weeks and days	
	Tuesday	Analogue to digital - activity	
	Wednesday	Analogue to digital - 12 hour	
	Thursday	Analogue to digital - 24 hour	
	Friday	Mini-assessment	
7 24/05/2021	Monday	Interpret charts	**NPV-4**
	Tuesday	Comparison, sum and difference	**NPV-4**
	Wednesday	Introducing line graphs	**NPV-4**
	Thursday	Line graphs	**NPV-4**
	Friday	Mini-assessment	
8 07/06/2021	Monday	Turns and angles	**G-2** R
	Tuesday	Right angles in shapes	**G-2** R
	Wednesday	Compare angles	**G-2** R
	Thursday	Identify angles	**G-2**
	Friday	Compare and order angles	**G-2**
9 14/06/2021	Monday	Recognise and describe 2-D shapes	**G-2** R
	Tuesday	Triangles activity	**G-2**
	Wednesday	Triangles	**G-2**
	Thursday	Quadrilaterals activity	**G-2**
	Friday	Quadrilaterals	**G-2**

Week	Day	Topic	
10 21/06/2021	Monday	Symmetry activity	**G-3**
	Tuesday	Horizontal and vertical	**G-3** Ⓡ
	Wednesday	Lines of symmetry	**G-3**
	Thursday	Complete a symmetric figure	**G-3**
	Friday	Mini-assessment	
11 28/06/2021	Monday	Describe position	**G-1**
	Tuesday	Draw on a grid	**G-1**
	Wednesday	Move on a grid	**G-1**
	Thursday	Describe movement on a grid	**G-1**
	Friday	Mini-assessment	
12 05/07/2021		Consolidation week	
13 12/07/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	