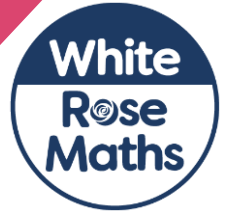



# Year 5



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 



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 5 – Autumn Term



## Lesson by lesson overview 2020/21

Week	Day	Topic	
1 07/09/2020	Monday	<a href="#">1000s, 100s, 10s and 1s</a>	NPV-2 
	Tuesday	<a href="#">Numbers to 10,000</a>	NPV-2
	Wednesday	<a href="#">Rounding to the nearest 10</a>	NPV-3 
	Thursday	<a href="#">Rounding to the nearest 100</a>	NPV-3 
	Friday	<a href="#">Rounding to 10, 100 and 1,000</a>	NPV-3
2 14/09/2020	Monday	<a href="#">Numbers to 100,000</a>	NPV-2
	Tuesday	<a href="#">Compare and order numbers to 100,000</a>	NPV-3
	Wednesday	<a href="#">Round numbers within 100,000</a>	NPV-3
	Thursday	<a href="#">Numbers to a million</a>	NPV-2
	Friday	<a href="#">Counting in 10s, 100s, 1,000s, 10,000s and 100,000s</a>	NPV-2
3 21/09/2020	Monday	<a href="#">Compare and order numbers to one million</a>	NPV-3
	Tuesday	<a href="#">Round numbers to one million</a>	NPV-3
	Wednesday	<a href="#">Negative numbers</a>	NPV-3
	Thursday	<a href="#">Roman numerals</a>	NPV-3
	Friday	Mini-assessment	
4 28/09/2020	Monday	<a href="#">Add two 4-digit numbers - one exchange</a>	
	Tuesday	<a href="#">Add two 4-digit numbers - more than one exchange</a>	
	Wednesday	<a href="#">Add whole numbers with more than 4 digits</a>	
	Thursday	<a href="#">Subtract two 4-digit numbers - one exchange</a>	
	Friday	<a href="#">Subtract two 4-digit numbers - more than one exchange</a>	

Week	Day	Topic	
5 05/10/2020	Monday	<a href="#">Subtract whole numbers with more than 4-digits</a>	
	Tuesday	<a href="#">Round to estimate and approximate</a>	
	Wednesday	<a href="#">Inverse operations (addition and subtraction)</a>	
	Thursday	<a href="#">Multi-step addition and subtraction problems</a>	
	Friday	Mini-assessment	
6 12/10/2020	Monday	<a href="#">Interpret charts</a>	<b>R</b>
	Tuesday	<a href="#">Comparison, sum and difference</a>	<b>R</b>
	Wednesday	<a href="#">Introduce line graphs</a>	<b>NPV-4 R</b>
	Thursday	<a href="#">Read and interpret line graphs</a>	<b>NPV-4</b>
	Friday	<a href="#">Draw line graphs</a>	<b>NPV-4</b>
7 19/10/2020	Monday	<a href="#">Use line graphs to solve problems</a>	<b>NPV-4</b>
	Tuesday	<a href="#">Read and interpret tables</a>	
	Wednesday	<a href="#">Two-way tables</a>	
	Thursday	<a href="#">Timetables</a>	
	Friday	Mini-assessment	
8 02/11/2020	Monday	<a href="#">Multiples</a>	<b>MD-2</b>
	Tuesday	<a href="#">Factors</a>	<b>MD-2</b>
	Wednesday	<a href="#">Common factors</a>	<b>MD-2</b>
	Thursday	<a href="#">Prime numbers activity</a>	<b>MD-2</b>
	Friday	<a href="#">Prime numbers</a>	<b>MD-2</b>
9 09/11/2020	Monday	<a href="#">Square numbers</a>	<b>MD-2</b>
	Tuesday	<a href="#">Cube numbers</a>	<b>MD-2</b>
	Wednesday	<a href="#">Multiply by 10</a>	<b>MD-1 R</b>
	Thursday	<a href="#">Multiply by 100</a>	<b>MD-1 R</b>
	Friday	<a href="#">Multiply by 10, 100 and 1,000</a>	<b>MD-1</b>


Week	Day	Topic	
10 16/11/2020	Monday	<a href="#">Divide by 10</a>	MD-1 
	Tuesday	<a href="#">Divide by 100</a>	MD-1 
	Wednesday	<a href="#">Divide by 10, 100 and 1,000</a>	MD-1
	Thursday	<a href="#">Multiples of 10, 100 and 1,000</a>	MD-1
	Friday	Mini-assessment	
11 23/11/2020	Monday	<a href="#">Measure perimeter</a>	
	Tuesday	<a href="#">Perimeter on a grid</a>	
	Wednesday	<a href="#">Perimeter of rectangles</a>	
	Thursday	<a href="#">Perimeter of rectilinear shapes</a>	
	Friday	<a href="#">Calculate perimeter</a>	
12 30/11/2020	Monday	<a href="#">Counting squares</a>	G-2 
	Tuesday	<a href="#">Area of rectangles</a>	G-2
	Wednesday	<a href="#">Area of compound shapes</a>	G-2
	Thursday	<a href="#">Area of irregular shapes</a>	G-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 5 – Spring Term



Lesson by lesson overview 2020/21

Week	Day	Topic	
1 04/01/2021	Monday	<a href="#">Multiply 2-digits by 1-digit</a>	MD-3
	Tuesday	<a href="#">Multiply 3-digits by 1-digit</a>	MD-3
	Wednesday	<a href="#">Multiply 4-digits by 1-digit</a>	MD-3
	Thursday	<a href="#">Area model activity</a>	MD-3
	Friday	<a href="#">Multiply 2-digits (area model)</a>	MD-3
2 11/01/2021	Monday	<a href="#">Multiply 2-digits by 2-digits</a>	MD-3
	Tuesday	<a href="#">Multiply 3-digits by 2-digits</a>	MD-3
	Wednesday	<a href="#">Multiply 4-digits by 2-digits (basic practice)</a>	MD-3
	Thursday	<a href="#">Multiply 4-digits by 2-digits</a>	MD-3
	Friday	<a href="#">Divide 2-digits by 1-digit (1)</a>	MD-4
3 18/01/2021	Monday	<a href="#">Divide 2-digits by 1-digit (2)</a>	MD-4
	Tuesday	<a href="#">Divide 3-digits by 1-digit</a>	MD-4
	Wednesday	<a href="#">Divide 4-digits by 1-digit</a>	MD-4
	Thursday	<a href="#">Divide with remainders</a>	MD-4
	Friday	Mini-assessment	
4 25/01/2021	Monday	<a href="#">What is a fraction?</a>	F-2
	Tuesday	<a href="#">Equivalent fractions</a>	F-2
	Wednesday	<a href="#">Equivalent fractions</a>	F-2
	Thursday	<a href="#">Fractions greater than 1</a>	F-2
	Friday	<a href="#">Improper fractions to mixed numbers</a>	F-2

Week	Day	Topic	
5 01/02/2021	Monday	<a href="#">Mixed numbers to improper fractions</a>	F-2
	Tuesday	<a href="#">Number sequences</a>	F-2
	Wednesday	<a href="#">Compare fractions less than 1</a>	F-2
	Thursday	<a href="#">Order fractions less than 1</a>	F-2
	Friday	<a href="#">Compare fractions greater than 1</a>	F-2
6 08/02/2021	Monday	<a href="#">Order fractions greater than 1</a>	F-2
	Tuesday	<a href="#">Add and subtract fractions</a>	
	Wednesday	<a href="#">Add fractions within 1 activity</a>	
	Thursday	<a href="#">Add fractions within 1</a>	
	Friday	<a href="#">Add 3 or more fractions</a>	
7 22/02/2021	Monday	<a href="#">Add fractions</a>	
	Tuesday	<a href="#">Add mixed numbers activity</a>	
	Wednesday	<a href="#">Add mixed numbers</a>	
	Thursday	<a href="#">Subtract fractions</a>	
	Friday	<a href="#">Subtract mixed numbers</a>	
8 01/03/2021	Monday	<a href="#">Subtraction - breaking the whole</a>	
	Tuesday	<a href="#">Subtract 2 mixed numbers</a>	
	Wednesday	<a href="#">Multiply unit fractions by an integer</a>	
	Thursday	<a href="#">Multiply non-unit fractions by an integer</a>	
	Friday	<a href="#">Multiply mixed numbers by integers</a>	
9 08/03/2021	Monday	<a href="#">Calculate fractions of a quantity</a>	F-1 
	Tuesday	<a href="#">Fraction of an amount</a>	F-1
	Wednesday	<a href="#">Using fractions as operators</a>	F-1
	Thursday	<a href="#">Fraction problem solving</a>	F-1
	Friday	Mini-assessment	

Week	Day	Topic	
10 15/03/2021	Monday	<a href="#">Decimals up to 2 d.p.</a>	NPV-2
	Tuesday	<a href="#">Decimals as fractions (1)</a>	F-3
	Wednesday	<a href="#">Decimals as fractions (2)</a>	F-3
	Thursday	<a href="#">Understand thousandths</a>	NPV-1
	Friday	<a href="#">Thousandths as decimals</a>	NPV-1
11 22/03/2021	Monday	<a href="#">Rounding decimals</a>	NPV-3
	Tuesday	<a href="#">Order and compare decimals</a>	NPV-3
	Wednesday	<a href="#">Understand percentages</a>	
	Thursday	<a href="#">Percentages as fractions and decimals</a>	
	Friday	<a href="#">Equivalent FDP</a>	F-3
12 29/03/2021	Activity week. This week we will be providing some themed activities linking to the learning from this term.		









# Year 5 – Summer Term




Lesson by lesson overview 2020/21

Week	Day	Topic
1 12/04/2021	Consolidate decimals from the Spring term	
	Friday	Mini-assessment
2 19/04/2021	Monday	<a href="#">Adding decimals within 1</a>
	Tuesday	<a href="#">Subtracting decimals within 1</a>
	Wednesday	<a href="#">Complements to 1</a>
	Thursday	<a href="#">Adding decimals - crossing the whole</a>
	Friday	<a href="#">Adding decimals with the same number of decimal places</a>
3 26/04/2021	Monday	<a href="#">Subtracting decimals with the same number of decimal places</a>
	Tuesday	<a href="#">Adding and subtracting decimals with the same number of decimal places problem solving</a>
	Wednesday	<a href="#">Adding decimals with a different number of decimal places</a>
	Thursday	<a href="#">Subtracting decimals with a different number of decimal places</a>
	Friday	<a href="#">Adding and subtracting decimals with a different number of decimal places problem solving</a>
4 03/05/2021	Monday	<a href="#">Adding and subtracting wholes and decimals</a>
	Tuesday	<a href="#">Decimal sequences</a>
	Wednesday	<a href="#">Multiplying decimals by 10, 100 and 1,000</a> <b>MD-1</b>
	Thursday	<a href="#">Dividing decimals by 10, 100 and 1,000</a> <b>MD-1</b>
	Friday	Mini-assessment



Week	Day	Topic	
5 10/05/2021	Monday	<a href="#">Identify angles</a>	G-1 
	Tuesday	<a href="#">Compare and order angles</a>	G-1 
	Wednesday	<a href="#">Measuring angles in degrees</a>	G-1
	Thursday	<a href="#">Measuring with a protractor (1)</a>	G-1
	Friday	<a href="#">Measuring with a protractor (2)</a>	G-1
6 17/05/2021	Monday	<a href="#">Drawing lines and angles accurately activity</a>	G-1
	Tuesday	<a href="#">Drawing lines and angles accurately</a>	G-1
	Wednesday	<a href="#">Calculating angles on a straight line</a>	G-1
	Thursday	<a href="#">Calculating angles around a point</a>	G-1
	Friday	<a href="#">Triangles</a>	
7 24/05/2021	Monday	<a href="#">Quadrilaterals</a>	
	Tuesday	<a href="#">Calculating lengths and angles in shapes</a>	
	Wednesday	<a href="#">Regular and irregular polygons</a>	
	Thursday	<a href="#">Reasoning about 3-D shapes</a>	
	Friday	Mini-assessment	
8 07/06/2021	Monday	<a href="#">Describe position</a>	
	Tuesday	<a href="#">Draw on a grid</a>	
	Wednesday	<a href="#">Position in the first quadrant</a>	
	Thursday	<a href="#">Translation</a>	
	Friday	<a href="#">Translation with coordinates</a>	
9 14/06/2021	Monday	<a href="#">Lines of symmetry</a>	
	Tuesday	<a href="#">Complete a symmetric figure</a>	
	Wednesday	<a href="#">Reflection</a>	
	Thursday	<a href="#">Reflection with coordinates</a>	
	Friday	Mini-assessment	

Week	Day	Topic
10 21/06/2021	Monday	<a href="#">Kilometres</a> NPV-6 
	Tuesday	<a href="#">Kilograms and kilometres</a> NPV-6
	Wednesday	<a href="#">Millimetres and millilitres</a> NPV-6
	Thursday	<a href="#">Metric units activity</a> NPV-6
	Friday	<a href="#">Metric units</a> NPV-6
11 28/06/2021	Monday	Imperial units activity NPV-6
	Tuesday	Imperial units NPV-6
	Wednesday	Converting units of time NPV-6
	Thursday	Timetables
	Friday	Mini-assessment
12 05/07/2021	Monday	What is volume?
	Tuesday	Compare volume
	Wednesday	Estimate volume
	Thursday	Estimate capacity
	Friday	Mini-assessment
13 12/07/2021	Activity week. This week we will be providing some themed activities linking to the learning from this term.	