


# 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 a 



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.

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> 
	Tuesday	<a href="#">Comparison, sum and difference</a> 
	Wednesday	<a href="#">Introduce line graphs</a> NPV-4 
	Thursday	<a href="#">Read and interpret line graphs</a> NPV-4
	Friday	<a href="#">Draw line graphs</a> NPV-4
7 19/10/2020	Monday	<a href="#">Use line graphs to solve problems</a> NPV-4
	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> MD-2
	Tuesday	<a href="#">Factors</a> MD-2
	Wednesday	<a href="#">Common factors</a> MD-2
	Thursday	<a href="#">Prime numbers activity</a> MD-2
	Friday	<a href="#">Prime numbers</a> MD-2
9 09/11/2020	Monday	<a href="#">Square numbers</a> MD-2
	Tuesday	<a href="#">Cube numbers</a> MD-2
	Wednesday	<a href="#">Multiply by 10</a> MD-1 
	Thursday	<a href="#">Multiply by 100</a> MD-1 
	Friday	<a href="#">Multiply by 10, 100 and 1,000</a> MD-1


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	Area model activity MD-3
	Friday	Multiply 2-digits (area model) 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	Using fractions as operators F-1
	Thursday	Fraction problem solving F-1
	Friday	Mini-assessment

Week	Day	Topic
<b>10</b> 15/03/2021	Monday	Decimals up to 2 d.p. NPV-2
	Tuesday	Decimals as fractions (1) F-3
	Wednesday	Decimals as fractions (2) F-3
	Thursday	Understand thousandths NPV-1
	Friday	Thousandths as decimals NPV-1
<b>11</b> 22/03/2021	Monday	Rounding decimals NPV-3
	Tuesday	Order and compare decimals NPV-3
	Wednesday	Understand percentages
	Thursday	Percentages as fractions and decimals
	Friday	Equivalent FDP F-3
<b>12</b> 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	Adding decimals within 1
	Tuesday	Subtracting decimals within 1
	Wednesday	Complements to 1
	Thursday	Adding decimals - crossing the whole
	Friday	Adding decimals with the same number of decimal places
3 26/04/2021	Monday	Subtracting decimals with the same number of decimal places
	Tuesday	Adding and subtracting decimals with the same number of decimal places problem solving
	Wednesday	Adding decimals with a different number of decimal places
	Thursday	Subtracting decimals with a different number of decimal places
	Friday	Adding and subtracting decimals with a different number of decimal places problem solving
4 03/05/2021	Monday	Adding and subtracting wholes and decimals
	Tuesday	Decimal sequences
	Wednesday	Multiplying decimals by 10, 100 and 1,000 MD-1
	Thursday	Dividing decimals by 10, 100 and 1,000 MD-1
	Friday	Mini-assessment



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

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