

Year 5/6



Welcome to our mixed age 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. The overviews match learning in both year groups and look to match lessons where similar concepts are being taught.

In Year 5/6 we have followed the order of the Year 5/6 mixed age scheme for academic year 2020/21. This follows the order of the single age Y6 scheme closely to ensure coverage of concepts before assessments in the summer term.

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 if splitting the class into single age groups
- ✓ 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.

Release dates – our videos and front of class PowerPoints will be released over the year in line with the single-age progression. Due to this, there may be points that the videos will not be available for the mixed-age progression due to the change in order. However, all worksheets will be available for premium subscribers.

If a video is available for one year group but not the other, this will be indicated on the mixed age progression in red by stating which year group videos to access e.g. **Use Y6**

If an extra step is added in that is extra to the single age steps, this is indicated on the mixed age progression in purple by stating which year group worksheets to access. Due to the change in order, videos might not be available but worksheets will be e.g. **(Y5)**

















For those lessons that say ‘activity’, the activity will be explained through the video. Some lessons are consolidation lessons. These are in **bold blue** font. Consolidation lessons do not have videos or worksheets but give teachers an extra day to reinforce understanding.

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. All the codes that link the lessons are available on our single age lesson by lesson overviews.

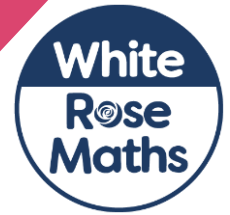
Year 5/6 – Autumn Term



Lesson by lesson overview 2020/21

Week	Day	Y5 Topic	Y6 Topic
1 07/09/20	Mon	Numbers to 10,000	Numbers to 10,000 
	Tue	Numbers to 100,000	Numbers to 100,000 
	Wed	Numbers to a million	Numbers to a million 
	Thu	Compare and order numbers to 100,000	Numbers to 10 million
	Fri	Compare and order numbers to one million	Compare and order any number
2 14/09/20	Mon	Rounding to 10, 100 and 1,000	Round numbers to 10, 100 and 1,000 
	Tue	Round numbers within 100,000	Round numbers within 100,000 (Use Y5) 
	Wed	Round numbers to one million	Round any number
	Thu	Negative numbers	Negative numbers (in context)
	Fri	Counting in 10s, 100s, 1,000s, 10,000s and 100,000s	Negative numbers (more abstract)
3 21/09/20	Mon	Roman numerals	Roman numerals (Use Y5) 
	Tue	Mini-assessment	Mini-assessment
	Wed	Add two 4-digit numbers - more than one exchange 	Add two 4-digit numbers - more than one exchange (Use Y5) 
	Thu	Add whole numbers with more than 4 digits	Add whole numbers with more than 4 digits 
	Fri	Subtract two 4-digit numbers - more than one exchange 	Subtract two 4-digit numbers - more than one exchange (Use Y5) 
4 28/09/20	Mon	Subtract whole numbers with more than 4 digits	Subtract whole numbers with more than 4 digits 
	Tue	Inverse operations (addition and subtraction)	Inverse operations (addition and subtraction) 
	Wed	Multi-step addition and subtraction problems	Multi-step addition and subtraction problems 
	Thu	Round to estimate and approximate	Add and subtract integers
	Fri	Multiply 3-digits by 1-digit (Y4) 	Multiply 3-digits by 1-digit (Y4) 

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Lesson by lesson overview 2020/21

Week	Day	Y5 Topic	Y6 Topic
5 05/10/20	Mon	Multiply 4-digits by 1-digit (Use Y6)	Multiply 4-digits by 1-digit (R)
	Tue	Multiply 2-digits (area model) (Use Y6)	Multiply 2-digits (area model) (R)
	Wed	Multiply 2-digits by 2-digits (Use Y6)	Multiply 2-digits by 2-digits (R)
	Thu	Multiply 3-digits by 2-digits (Use Y6)	Multiply 3-digits by 2-digits (R)
	Fri	Multiply 4-digits by 2-digits (Use Y6)	Multiply up to a 4-digit number by a 2-digit number (R)
6 12/10/20	Mon	Divide 2-digits by 1-digit (1) (R)	Divide 4-digits by 1-digit (R)
	Tue	Divide 2-digits by 1-digit (2) (R)	Divide with remainders (R)
	Wed	Divide 3-digits by 1-digit (R)	Short division
	Thu	Divide 4-digits by 1-digit (Use Y6)	Division using factors
	Fri	Divide with remainders (Use Y6)	Long division (1)
7 19/10/20	Mon	Multiply by 10, 100 and 1,000	Long division (2)
	Tue	Divide by 10, 100 and 1,000	Long division (3)
	Wed	Multiples of 10, 100 and 1,000	Long division (4)
	Thu	Factors	Factors (R)
	Fri	Common factors	Common factors
8 02/11/20	Mon	Multiples	Common multiples
	Tue	Prime numbers activity	Mental calculations and estimation
	Wed	Prime numbers	Primes to 100
	Thu	Square numbers	Squares and cubes
	Fri	Cube numbers	Order of operations
9 09/11/20	Mon	Consolidation of four operations	Reason from known facts
	Tue	Mini- assessment	Mini-assessment
	Wed	Equivalent fractions (R)	Equivalent fractions (R)
	Thu	Equivalent fractions	Simplify fractions
	Fri	Improper fractions to mixed numbers	Improper fractions to mixed numbers (R)

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Lesson by lesson overview 2020/21

Week	Day	Y5 Topic	Y6 Topic
10 16/11/20	Mon	Mixed numbers to improper fractions	Mixed numbers to improper fractions (R)
	Tue	Number sequences	Fractions on a number line
	Wed	Compare fractions less than 1	Compare and order (denominator)
	Thu	Order fractions less than 1	Compare and order (numerator)
	Fri	Compare fractions greater than 1	Compare fractions greater than 1 (Y5) (R)
11 23/11/20	Mon	Order fractions greater than 1	Order fractions greater than 1 (Y5) (R)
	Tue	Add and subtract fractions	Add and subtract fractions (1)
	Wed	Add fractions within 1	Add and subtract fractions activity
	Thu	Add 3 or more fractions	Add and subtract fractions (2)
	Fri	Add mixed numbers	Add mixed numbers (R)
12 30/11/20	Mon	Add fractions	Add fractions
	Tue	Subtract fractions	Subtract fractions (Y5) (R)
	Wed	Subtract mixed numbers	Subtract mixed numbers (R)
	Thu	Subtraction - breaking the whole	Subtract fractions
	Fri	Subtract 2 mixed numbers	Mixed addition and subtraction
13 07/12/20	Mon	Multiply unit fractions by an integer	Multiply fractions by integers
	Tue	Multiply non-unit fractions by an integer	Multiply fractions by fractions
	Wed	Multiply mixed numbers by integers	Divide fractions by integers (1)
	Thu	Calculate fractions of a quantity (R)	Divide fractions by integers (2)
	Fri	Fraction of an amount	Fraction of an amount
14 14/12/20	Mon	Using fractions as operators	Fraction of an amount - find the whole
	Tue	Fraction problem solving	Four rules with fractions
	Wed	Mini-assessment	Mini-assessment
	Thu	Activity days. We will be providing some themed activities linking to the learning from this term.	
	Fri		