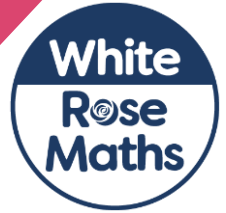


Year 3/4



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 3/4 we have followed the order of the Year 3/4 mixed age scheme for academic year 2020/21. This is slightly different to the single age schemes but brings more opportunities to match skills and deliver a whole class input.

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.

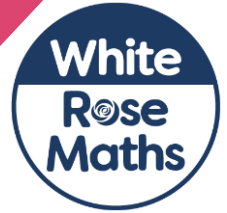
Release dates – our videos and front of class PowerPoints will be released over the year in line with the single-age progression. Due to this, there may be points that the videos will not be available for the mixed-age progression due to the change in order. However, all worksheets will be available 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 Y4**

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.

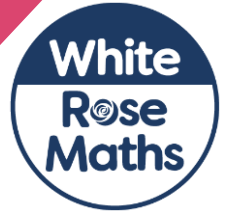
Year 3/4 – Autumn Term



Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
1 07/09/20	Mon	Represent numbers to 100 R	Represent numbers to 100 R
	Tue	Tens and ones using addition R	100s 10s and 1s R
	Wed	Hundreds	Count in 1000s
	Thu	Numbers to 1,000	Numbers to 1,000 R
	Fri	Numbers to 1,000 on a place value grid activity	Represent numbers to 10,000 activity
2 14/09/20	Mon	100s, 10s and 1s (1)	1000s 100s 10s and 1s
	Tue	100s, 10s and 1s (2)	Partitioning
	Wed	Number line to 100 R	Number line to 1,000 R
	Thu	Number line to 1,000	Number line to 10,000
	Fri	Find 1, 10, 100 more or less	Find 1, 10, 100 more or less R
3 21/09/20	Mon	Compare objects	Find 1,000 more or less
	Tue	Compare numbers	Compare 4-digit numbers
	Wed	Ordering numbers	Order numbers
	Thu	Count in 50s	Count in 25s
	Fri	Roman Numerals (Use Y4)	Roman Numerals
4 28/09/20	Mon	During this week, teachers may decide to recap previous place value content or teach Y4 content to all children. Year 3 will repeat this content next year in Year 4	Round to the nearest 10
	Tue		Round to the nearest 100
	Wed		Round to the nearest 1,000
	Thu		Introducing negative numbers activity
	Fri		Negative numbers

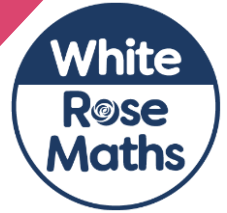
Year 3/4 – Autumn Term



Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
5 05/10/20	Mon	Add and subtract multiples of 100	Add and subtract multiples of 100
	Tue	Add and subtract 100s	Add and subtract 100s
	Wed	Spot the pattern - making it explicit	Add and subtract 1s, 10s, 100s and 1,000s
	Thu	Add and subtract 3-digit and 1-digit numbers - not crossing 10	Add two 3-digit numbers - not crossing 10 or 100
	Fri	Add 3-digit and 1-digit numbers - crossing 10	Add two 4-digit numbers - no exchange
6 12/10/20	Mon	Add and subtract 3-digit and 2-digit numbers - not crossing 100	Add 3-digit and 2-digit- cross 100
	Tue	Add 3-digit and 2-digit - cross 100	Add two 3-digits cross 10 or 100
	Wed	Add 2-digit and 3-digit numbers - crossing 10 or 100	Add two 4-digit numbers - one exchange
	Thu	Add two 3-digit numbers - not crossing 10 or 100	Add two 4-digit numbers - more than one exchange
	Fri	Add two 3-digit numbers - crossing 10 or 100	Consolidation of addition
7 19/10/20	Mon	Subtract a 1-digit number from a 3-digit number - crossing 10	Subtract a 3-digit number from a 3-digit number - no exchange
	Tue	Subtract a 2-digit from a 2-digit - crossing 10	Subtract two 4-digit numbers - no exchange
	Wed	Subtract a 2-digit number from a 3-digit number - crossing 100	Subtract a 3-digit number from a 3-digit number - exchange
	Thu	Subtract a 2-digit number from a 3-digit number - crossing 10 or 100	Subtract two 4-digit numbers - one exchange
	Fri	Subtract a 3-digit number from a 3-digit number - no exchange	Subtract two 4-digit numbers - more than one exchange
8 02/11/20	Mon	Subtract a 3-digit number from a 3-digit number - exchange	Consolidation of subtraction
	Tue	Mixed addition and subtraction problems	Efficient Subtraction
	Wed	Estimate answers to calculations	Estimate answers
	Thu	Check answers	Checking strategies
	Fri	Mini-assessment	Mini-assessment

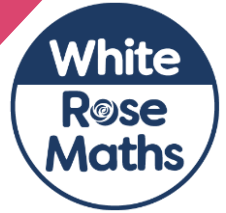
Year 3/4 – Autumn Term







Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
9 09/11/20	Mon	Multiplication- equal groups	Multiplication- equal groups
	Tue	Using arrays	Using arrays
	Wed	2 times-table	2 times-table
	Thu	5 times-table	5 times-table
	Fri	10 times-table	10 times-table
10 16/11/20	Mon	Make equal groups - sharing	Multiply by 10
	Tue	Make equal groups - grouping	Multiply by 100
	Wed	Divide by 2	Divide by 10
	Thu	Divide by 5	Divide by 100
	Fri	Divide by 10	Multiply by 1 and 0
11 23/11/20	Mon	Multiply by 3	Divide by 1 and itself
	Tue	Divide by 3	Multiply and divide by 3
	Wed	The 3 times-table	The 3 times-table
	Thu	Multiply by 4	Multiply and divide by 6
	Fri	Divide by 4	6 times-table and division facts
12 30/11/20	Mon	The 4 times-table	Multiply and divide by 9
	Tue	Multiply by 8	9 times-table and division facts
	Wed	Divide by 8	Multiply and divide by 7
	Thu	The 8 times-table	7 times-table and division facts
	Fri	Mini assessment	Mini assessment
13 07/12/20	Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.		
14 14/12/20	Activity week. This week we will be providing some themed activities linking to the learning from this term.		

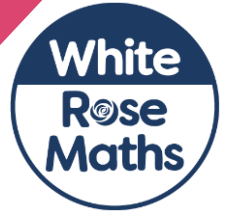
Year 3/4 – Spring Term
















Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
1 04/01/21	Mon	Consolidate 2, 4 and 8 times-tables	11 and 12 times-table
	Tue	Comparing statements	Multiply 3 numbers
	Wed	Related calculations	Factor pairs
	Thu	Multiply 2-digits by 1-digit - no exchange - activity	Efficient multiplication
	Fri	Multiply 2-digits by 1-digit (1)	Written methods
2 11/01/21	Mon	Multiply 2-digits by 1-digit - exchange - activity	Multiply 2-digits by 1-digit
	Tue	Multiply 2-digits by 1-digit (2)	Multiply 2-digits by 1-digit
	Wed	Scaling	Multiply 3-digits by 1-digit
	Thu	Divide 2-digits by 1-digit (1)	Divide 2-digits by 1-digit
	Fri	Divide 2-digits by 1-digit (2)	Divide 2-digits by 1-digit (1)
3 18/01/21	Mon	Divide 100 into 2, 4, 5 and 10 equal parts - activity	Divide 2-digits by 1-digit
	Tue	Divide with remainders activity	Divide 2-digits by 1-digit (2)
	Wed	Divide 2-digits by 1-digit (3)	Divide 3-digits by 1-digit
	Thu	How many ways?	Correspondence problems
	Fri	Mini-assessment	Mini-assessment
4 25/01/21	Mon	Equivalent lengths (m and cm)	Equivalent lengths (m and cm) 
	Tue	Equivalent lengths (mm and cm)	Equivalent lengths (mm and cm) 
	Wed	Measure length	Kilometres
	Thu	Measure length (m) 	What is area? Counting squares
	Fri	Compare lengths 	Making shapes

Year 3/4 – Spring Term



Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
5 01/02/21	Mon	Compare lengths	Comparing area
	Tue	Add lengths	Add lengths 
	Wed	Subtract lengths	Subtract lengths 
	Thu	What is perimeter? Activity	Measure perimeter 
	Fri	Measure perimeter	Perimeter on a grid
6 08/02/21	Mon	Calculate perimeter	Perimeter of a rectangle
	Tue	Calculate perimeter	Perimeter of rectilinear shapes
	Wed	Mini-assessment	Mini-assessment
	Thu	Unit fractions 	Unit and non-unit fractions 
	Fri	Non-unit fractions 	What is a fraction?
7 22/02/21	Mon	Tenths	Tenths 
	Tue	Count in tenths	Count in tenths 
	Wed	Equivalence of a half and 2 quarters 	Equivalent fractions (1) 
	Thu	Equivalent fractions (1)	Equivalent fractions (2) 
	Fri	Equivalent fractions (2)	Equivalent fractions (1)
8 01/03/21	Mon	Equivalent fractions (3)	Equivalent fractions (2)
	Tue	Count in fractions 	Fractions greater than 1
	Wed	Fractions on a number line	Count in fractions
	Thu	Add fractions	Add fractions 
	Fri	Making the whole	Add 2 or more fractions

Year 3/4 – Spring Term










Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
9 08/03/21	Mon	Subtract fractions	Subtract fractions R
	Tue	Compare fractions	Subtract 2 fractions
	Wed	Order fractions	Subtract from whole amounts
	Thu	Fractions of a set of objects (1)	Fractions of a set of objects (1)
	Fri	Fractions of a set of objects (2)	Fractions of a set of objects (2)
10 15/03/21	Mon	Fractions of a set of objects (3)	Calculate fractions of a quantity
	Tue	Consolidation of Fractions	Problem solving - calculate quantities
	Wed	Mini-assessment	Mini-assessment
	Thu	Consolidation of Fractions	Tenths and hundredths activity
	Fri		Recognise tenths and hundredths
11 22/03/21	Mon	Tenths as decimals (Use Y4)	Tenths as decimals
	Tue	Tenths on a place value grid (Use Y4)	Tenths on a place value grid
	Wed	Tenths on a number line (Use Y4)	Tenths on a number line
	Thu	Consolidation- time to consolidate the learning from the term	Divide 1-digit by 10
	Fri		Divide 2-digits by 10
12 29/03/21	Mon	Activity week- This week we will be providing some themed activities linking to the learning from this term.	Hundredths
	Tue		Hundredths as decimals
	Wed		Hundredths on a place value grid
	Thu		Divide 1 or 2-digits by 100
	Fri		Mini-assessment

Year 3/4 – Summer Term



Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
1 12/04/21	Mon	Measure mass (1)	Bonds to 10 and 100 
	Tue	Measure mass (2)	Make a whole
	Wed	Compare mass	Write decimals activity
	Thu	Add and subtract mass	Write decimals
	Fri	Measure capacity (1)	Compare decimals
2 19/04/21	Mon	Measure capacity (2)	Order decimals
	Tue	Compare capacity	Round decimals activity
	Wed	Add and subtract capacity	Round decimals
	Thu	Temperature	Halves and quarters
	Fri	Mini-assessment	Mini-assessment
3 26/04/21	Mon	Count money – pence 	Pounds and pence
	Tue	Count money – pounds 	Ordering money
	Wed	Pounds and pence	Estimating money
	Thu	Convert pounds and pence	Convert pounds and pence 
	Fri	Add money	Add money 
4 03/05/21	Mon	Bank holiday	Bank holiday
	Tue	Subtract money	Subtract money 
	Wed	Give change	Find change 
	Thu	Working with money activity (Use Y4)	Four operations
	Fri	Mini-assessment	Mini-assessment

Year 3/4 – Summer Term






Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
5 10/05/21	Mon	Consolidation week	Symmetry activity
	Tue		Horizontal and vertical R
	Wed		Lines of symmetry
	Thu		Complete a symmetric figure
	Fri		Mini-assessment
6 17/05/21	Mon	O'clock and half past R	Describe position
	Tue	Quarter past and quarter to R	Draw on a grid
	Wed	Months and years	Move on a grid
	Thu	Hours in a day	Describe movement on a grid
	Fri	Telling time to 5 minutes R	Mini-assessment
7 24/05/21	Mon	Telling the time to 5 minutes	Telling the time to 5 minutes R
	Tue	Telling the time to the nearest minute	Telling the time to the minute R
	Wed	Using a.m. and p.m.	Using a.m. and p.m. R
	Thu	24-hour clock	24-hour clock R
	Fri	Finding the duration	Hours, minutes and seconds
8 07/06/21	Mon	Comparing durations	Years, months, weeks and days
	Tue	Start and end times	Analogue to digital – activity
	Wed	Measuring time in seconds	Analogue to digital – 12 hour
	Thu	Problem solving with time	Analogue to digital – 24 hour
	Fri	Mini-assessment	Mini-assessment
9 14/06/21	Mon	Interpret pictograms R	Interpret charts
	Tue	Draw bar charts – activity	Comparison, sum and difference
	Wed	Bar charts	Introducing line graphs
	Thu	Tables	Line graphs
	Fri	Mini-assessment	Mini-assessment

Year 3/4 – Summer Term



Lesson by lesson overview 2020/21

Week	Day	Y3 Topic	Y4 Topic
10 21/06/21	Mon	Turns and angles	Turns and angles 
	Tue	Right angles in shapes	Right angles in shapes 
	Wed	Compare angles	Compare angles 
	Thu	Draw accurately	Identify angles
	Fri	Horizontal and vertical	Compare and order angles
11 28/06/21	Mon	Parallel and perpendicular	Triangles activity
	Tue	Recognise and describe 2-D shapes	Triangles
	Wed	Recognise and describe 3-D shapes	Quadrilaterals activity
	Thu	Make 3-D shapes	Quadrilaterals
	Fri	Mini-assessment	Mini-assessment
12 05/06/21	Mon	Consolidation week	
	Tue		
	Wed		
	Thu		
	Fri		
13 12/07/21	Mon	Activity week. This week we will be providing some themed activities linked to the learning from this term.	
	Tue		
	Wed		
	Thu		
	Fri		