Overview 2020/21

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Getting to Know You			Just Like Me!			It's Me 1 2 3!			Light and Dark			Consolidation	
Spring	Alive in 5!			Growing 6, 7, 8			Building 9 and 10			Consolidation				
Summer	On the Move			Superhero to 20 and Beyond			First then Now			Find my Pattern			Consolidation	

- We have divided the Reception Year into 10 Phases. Each phase roughly lasts 3 weeks long, allowing time for flexibility and consolidation.
- Each phase has a number focus and suggested links to measure, shape and spatial thinking.

WRM – Year 1 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value (within 10)				Number: Addition and Subtraction (within 10)					Geometry: Shape	Number: Place Value (within 20)	
Spring	Consolidation	Number: Addition and Subtraction (within 20)			Number: Place Value (within 50)			Measurement: Length and Height		Measurement: Weight and Volume		Consolidation
Summer	Consolidation	Number: Multiplication and Division			Number: Fractions		Geometry: Position and Direction	Number: Place Value (within 100)		Measurement: Money	Measurement: Time	

		Year 1 –Yearly Overview – Autumn		
		Week 1-4 (Block 1)	Week 5-9 (Block 2)	Week 10 (Block 3)	Week 11-12 (Block 4)
		Number: Place Value (within 10) (15 steps)	Number: Addition and Subtraction (18 steps)	Geometry: Shape (5 steps)	Number: Place Value (within 20) (8 steps)
White Rose Maths Small Steps	Sort objects Count objects Represent objects Count, read and write forwards from any number 0-10 Count, read and write backwards from any number 0-10 Count one more Count one less One to one correspondence to start to compare groups Compare groups using equal, greater, more, less, fewer Introduce < > = Compare numbers Order groups of objects Order numbers Ordinal numbers (1st, 2nd, 3rd) Number line	Part whole Addition symbol Fact families – addition facts Find number bonds for numbers within 10 Systematic methods for number bonds within 10 Number bonds to 10 Compare number bonds Addition – adding together Addition – adding more Finding a part Subtraction – taking away, how many left, crossing out Subtraction - taking away, how many left, subtraction symbol Subtraction - finding a part, breaking apart Fact families – the 8 facts Subtraction – counting back Subtraction – finding the difference Comparing addition and subtraction statements a+b>c Comparing addition and subtraction statements a+b>c+d	Recognise and name 3D shapes Sort 3D shapes Recognise and name 2D shapes Sort 2D shapes Patterns with 2D and 3D shapes.	Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 – 20 Tens and ones Count one more and one less Compare groups of objects Compare numbers Order groups of objects Order numbers
EYFS ELG	Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. They solve problems, including doubling, halving and sharing. Children can selects the correct numeral to represent 1 to 5, then 1 to 10 objects. Children can count an irregular arrangement of up to ten objects. Children can estimate how many objects they can see and checks by counting them. Children can use the language of 'more' and 'fewer' to compare two sets of objects. Children can say the number that is one more than a given number and can find one	Using quantities and objects, children can add and subtract two single-digit numbers and count on or back to find the answer. Children can find the total number of items in two groups by counting all of them. In practical activities and discussion, children are beginning to use the vocabulary involved in adding and subtracting.	Children recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them. Children will have experienced solid (3D) and flat (2D) shapes and mathematical terms to describe them. Children can select a named shape Children can use familiar objects and shapes to create patterns.	

	more or one less from a group of up to five objects, then ten objects. Children can record, using marks that they can interpret and explain.			
RTPs	**1NPV-1** **1NPV-2**	**1NF-1** **1AS-1** **1AS-2**	**1G-1** **1G-2 (additional content required)**	**1NPV-1** **1NPV-2**

Year 1 –Yearly Overview –Spring (WRM not yet released)

	Week1 – Consolidation week: Use to secure Autumn concepts or to give more time to Spring Block 1 (AS to 20) Week 2-4 (Block 1)	Week 5-7 (Block 2)	Week 8-9 (Block 3)	Week 10-11 (Block 4) (Incorporating time set aside for consolidation)
	Number: Addition and Subtraction (within 20)	Number: Place Value (within 50)	Measurement: Length and Height	Measurement: Weight and volume
White Rose Maths Small Steps	Add by counting on Find and make number bonds Add by making 10 Subtraction – not crossing 10 Subtraction – crossing 10 Related facts Compare number sentences	Numbers to 50 Tens and ones Represent numbers to 50 One more one less Compare objects within 50 Compare numbers within 50 Count in 2s Count in 5s	Compare lengths and heights Measure length	Introduce weight and mass Measure mass Compare mass Introduce capacity and volume Measure capacity Compare capacity
EYFS ELG			Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. Children can order two or three items by length or height	Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. Children can order two or three items by weight or capacity
RTPs	**1AS-2**	**1NPV-1** **1NF-2**	**No RTPs**	**No RTPs**

Year 1 –Yearly Overview –Summer (WRM not yet released)						
	Week 1-4 (Block 1) (Incorporating time set aside for consolidation)	Week 5-6 (Block 2)	Week 7 (Block 3)	Week 8-9 (Block 4)	Week 10 (Block 5)	Week 11-12 (Block 12)
	Number: Multiplication and Division	Number: Fractions	Geometry: Position and Direction	Number: Place Value (within 100)	Measurement: Money	Measurement: Time
White Rose Maths Small Steps	Count in 10s Make equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups -sharing	Find a half Find a quarter	Describe turns Describe position	Counting to 100 Partitioning numbers Comparing numbers Ordering numbers One more, one less	Recognising coins Recognising notes Counting in coins	Before and after Dates Time to the hour Time to the half hour Writing time Comparing time
EYFS ELG	Children solve problems, including doubling, halving and sharing.		Children are familiar with positional language (behind, next to)		Children use everyday language related to money.	Children use everyday language related to time. Children can order and sequence familiar events. Children can measure short periods of time in simple ways.
RTPs	**1NF-2**	**No RTPs**	**No RTPs**	**1NPV-1**	**No RTPs**	**No RTPs**

WRM – Year 2 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction					Measurement: Money		Number: Multiplication and Division	Consolidation
Spring	Number: Multiplication and Division				Statistics		Geometry: Properties of Shape		Number: Fractions			
Summer	Measurement: Length and Height		Geometry: Position and Direction		Consolidation and problem solving		Measurement: Time		Measurement: Mass, Capacity and Temperature			Consolidation

	Year 2 –Yearly Overview – Autumn			
	Week 1-3 (Block 1)	Week 4-8 (Block 2)	Week 9-10 (Block 3)	Week 11-12 (Block 4)
	Number: Place Value (17 steps)	Number: Addition and Subtraction (19 steps)	Measurement: Money (11 step)	Number: Multiplication & Division (3 step)
White Rose Maths Small Steps	Count objects to 100 Read and write to 100 in numerals and words Representations to 100 Tens and ones – PPW model Tens and ones using addition PV chart Compare objects Compare numbers Order objects and numbers Count in 2s Count in 5s Count in 10s Count in 3s	Addition and subtraction bonds to 20 Checking calculations – inverse and concrete resources Compare number sentences Related facts Bonds to 100 (in 10s) Add and subtract – ones column 10 more 10 less Add and subtract – tens column Add 2 digits and 1 digit Subtract 1 digit from 2 digits (exchanging) Add two 2 digit numbers Add two 2 digit numbers (with exchange) Subtract two 2 digit numbers Subtract two 2 digit numbers (with exchange) Bonds to 100 (10s and 1s) Add three 1 digit numbers	Counting money – pence Count money – pounds (notes and coins) Count money – notes and coins Select money Make the same amount Compare money Find the total Find the difference Find change Two step problems	
Small steps from prior years	Counting forwards and backwards within 20 10s and 1s – partitioning, representations to 20 Counting forwards and backwards within 50 10s and 1s – partitioning, representations to 50 Compare numbers within 50	Add by making 10 (bridging) Subtraction – crossing 10 Find and make number bonds to 20	Recognise coins and notes	Make equal groups Add equal groups Make arrays
RTPs	**1NPV-1** **2NPV-1**	**1NF-1 => 2NF1** **1NF-2** **1AS-1** **2AS-1** **1AS-2** **2AS-2** **2AS-3** **2AS-4**	No RTPs for measure (money)	RTPs covered in Spring teaching

		Year 2 –Yearly Overview –Spring (WRM not yet released)		
		Week 1-4 (Block 1)	Week 5-6 (Block 2)	Week 7-8 (Block 3)	Week 9-12 (Block 4)
		Number: Multiplication and Division	Statistics	Geometry: Properties of shapes	Number: Fraction
White Rose Maths Small Steps	Recognise equal groups Make equal groups Add equal groups Multiplication sentences using x symbol Multiplication sentences from pictures Using arrays 2 times table 5 times table 10 times table Make equal groups – sharing Make equal groups - grouping Sharing and grouping activity Divide by 2 Odd and even numbers Divide by 5 Divide by 10	Make tally charts activity Make tally charts Draw pictograms (1-1) activity Draw pictograms (1-1) Interpret pictograms Draw pictograms (2,5,10) activity Draw pictograms (2,5,10) Interpret pictograms (2,5,10) Block diagrams	Recognise 2D and 3D shapes Make 2D and 3D shapes activity Count sides on 2D shapes Count vertices on 2D shapes Draw 2D shapes Lines of symmetry (1) Lines of symmetry (2) Sort 2D shapes Make patterns with 2D shapes Count faces on 3D shapes Count edges on 3D shapes Count vertices on 3D shapes Sort 3D shapes Make patterns with 3D shapes	Working with parts and wholes activity Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a third Find a third Unit fractions Non Unit fractions Equivalence of a half and 2 quarters Find three quarters Count in fractions Problem solving with fractions
Small steps from prior years	Making doubles Make equal groups – sharing Make equal groups - grouping		Recognise and name common 2D shapes Recognise and name common 2D shapes	
RTPs	**2MD-2**	**No RTPs**	**1G-1** **2G-1**	**No RTPs**

Year 2 –Yearly Overview –Summer (WRM not yet released)

	Week 1 –2 (BLOCK 1)	Week 3 –4 (BLOCK 2)	Week 5-6 (BLOCK 3)	Number 7-8 (BLOCK 4)	Week 9-11 (BLOCK 5)	Week 12 -13 (BLOCK 6)
	Measure: Length	Geometry: Position and Direction	Consolidation and problem solving	Measure: Time	Measure: Mass, Volume, Temperature	Consolidation and problem solving
White Rose Maths Small Steps	Measure length (cm, m) Compare lengths Order lengths Four operations with lengths Problem solving with lengths	Problem solving with position Describe movement activity Describe turns Describe movement and turns Making patterns with shape		O'clock and half past Quarter past and quarter to Telling time to 5 minutes Hours and days Duration of time Compare durations of time	Compare mass Measure mass in grams, kg Compare volume Millilitres, litres Four operations with mass Four operations with volume Temperature	All
Small steps from prior years	Compare length and height Measure lengths	Describe position		Telling time to hour Telling time to ½ hour Writing time	Introduction to weight and mass Measure mass Introduce capacity and volume Measure capacity	
RTPs	**No RTPs**	**No RTPs**		**No RTPs**	**No RTPs**	

WRM – Year 3 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction					Number: Multiplication and Division			
Spring	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
Summer	Number: Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity			Consolidation

Year 3 –Yearly Overview -Autumn

	Week 1 –3 (BLOCK 1)	Week 4 –8 (BLOCK 2)	Week 9 –12 (BLOCK 3)	Week 13-14
	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division	13 – Consolidation 14 – Activity week
White Rose Maths Small Steps	•Hundreds •Represent numbers to 1,000 •100s, 10s and 1s (1) •100s, 10s and 1s (2) •Number line to 1,000 •Find 1, 10, 100 more or less than a given number •Compare objects •Compare numbers •Order numbers •Count in 50s	•Add and subtract multiples of 100 •Add and subtract 3 digit numbers and ones - not crossing 10 •Subtract a 1-digit number from a 3-digit number - crossing 10 •Add and subtract 3-digit and 2-digit numbers - not crossing 100 •Add a 3-digit and 2-gits numbers - crossing 100 •Subtract a 2-digit number from a 3-digit number – crossing 100 •Add and subtract 100s •Spot the pattern - making it explicit •Mixed addition and subtraction problems •Add and subtract 2-digit and 3-digit number - not crossing 10 or 100 •Add 2-digit and 3-digit numbers - crossing 10 or 100 •Subtract a 2-digit number from a 3-digit number - crossing 10 or 100 •Add two 3-digit numbers - not crossing 10 or 100 •Add two 3-digit numbers - crossing 10 or 100 •Subtract a 3-digit number from a 3-digit number - no exchange •Subtract a - digit number from a 3-digit number - exchange •Estimate answers to calculations •Check answers	•*Multiplication equal groups* •*Multiply by 3* •*Divide by 3* •*The 3 times-table* •*Multiply by 4* •*Divide by 4* •*The 4 times-table* •*Multiply by 8* •*Divide by 8* •*The 8 times table.*	
Small stpes from Previous year	•Represent numbers to 100 •Tens and ones using addition •Numberline to 100	•Add and subtract 1s •Add 2-digit and 1-digit – crossing 10 •Subtract a 1-digit number from 2-digits – crossing 10 •Add 2-digit numbers – crossing 10 – add ones and tens •Subtract a 2-digit number from a 3-digit number – crossing 10 – subtract and ones and tens	•Multiplication using the symbol •Using arrays •2 times-table •5 times-table •Make equal groups – sharing •Make equal groups – grouping •Divide by 2 •Divide by 5 •Divide by 10	
Dfe guidance	**3NPV-1 2NPV-1 => 3NPV-2 2NPV-2 => 3NPV-3 3NPV-4**	**2NF-1 => 3NF-1 3NF-3 3AS-1 (3NPV-4) 3AS-2 3AS-3**	**3NF-2 2MD-1 2MD-2 3MD-1**	

Year 3 –Yearly Overview -Spring

	Week 1-3 (Block 1)	Week 4-5 (Block 2)	Week 5-6 (Block 3)	Week 7-9 (Block 4)	Week 9-11 (Block 5)	Week 12
	Number: Multiplication and division	Measurement: Money	Statistics	Measurement: Length and Perimeter	Number: Fractions	Consolidation
White Rose Maths Small Steps	•Comparing statements •Related calculations •Multiply 2 digits by 1 digit – no exchange - activity •Multiply 2 digits by 1 digit (1) •Multiply 2 digits by 1 digit – exchange - activity •Multiply 2 digits by 1 digit (2) •Divide 2 digits by 1 digit (1) •Divide 2 digits by 1 digit (2) •Divide 2 digits by 1 digit (3) •Multiply 2 digits by 1 digit – no exchange - activity •Multiply 2 digits by 1 digit Divide 100 into 2, 4, 5 and 10 equal parts – activity •Multiply 2 digits by 1 digit – no exchange - activity •Multiply 2 digits by 1 digit Divide with remainders activity •Divide 2-digits by 1-digit (3) •Scaling •How many ways?	•Pounds and pence •Convert pounds and pence •Adding money •Subtract money •Giving change	• Draw bar charts – activity •Bar charts •Tables	•Measure length •Equivalent lengths (m & cm) •Equivalent lengths (mm & cm) •Compare lengths •Add lengths •Subtraction lengths •What is perimeter? •Measure perimeter •Calculate perimeter •Calculate perimeter	All from year 2	All
Small steps from Previous year	•Consolidate 2,4 and 8 times-tables	•Count money (pence) •Count money (pounds)	•Make tally charts •Draw pictograms (1-1) •Interpret pictograms (1-1)	•Measure length (m) •Compare lengths	•Working with whole and parts activity •Recap – Make equal parts •Recognise a half •Find a half •Recognise a quarter •Find a quarter •Recognise a third •Find a third •Unit fractions •Non-unit fractions •Equivalence of a half and 2 quarters •Count in fractions	
Dfe guidance	**3NPV-1 3NF-3 3MD-1 (3NF-2)**		**3NPV-3/4**	**3NPV-3/4**		

Year 3 –Yearly Overview -Summer				
Week 1 –3 (BLOCK 1)	**Week 4 –6 (BLOCK 2)**	**Week 7-8 (Block 3)**	**Week 9-11 (Block 4)**	**Week 12**
Number: Fractions	Measurement: Time	Geometry: Properties of shapes	Measurement: Mass and Capacity	Consolidation
White Rose Maths Small Steps •Making the whole •Tenths •Fractions of a number line •Fractions of a set of objects (1) •Fractions of a set of objects (2) •Fractions of a set of objects (3) •Equivalent fractions (1) •Equivalent fractions (2) •Equivalent fractions (3) •Compare fractions •Order fractions •Add fractions •Subtract fractions	•Months and years •Hours in a day •Telling the time to 5 minutes •Telling the time to the minute •AM and PM •24-hour clock •Finding the duration •Comparing durations •Start and end times •Measuring time in seconds •Problem solving with time	•Turns and angles •Right angles in shapes •Compare angles •Draw accurately •Horizontal and vertical •Parallel and perpendicular •Recognise and describe 2D shapes •Recognise and describe 3D shapes •Make 3D shapes	•Measure mass activity •Measure mass (1) •Measure mass (2) •Compare mass •Add and subtract mass •Measure capacity activity •Measure capacity (1) •Measure capacity (2) •Compare capacity •Add and subtract capacity	All
Small steps from Previous year	•O'clock and half past •Quarter past and quarter to •Telling time to 5 minutes. •Minutes in an hour, hours in a day. •Find durations of time. •Compare durations of time.		•Compare mass •Compare volume •Temperature activity •Temperature	
Dfe guidance **3F-1** **3F-2 (3MD-1) (3NF-1)** **3F-3** **3F-4**		**2G-1 => 3G-1** **3G-2**		

WRM – Year 4 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value				Number: Addition and Subtraction			Measurement: Length and Perimeter		Number: Multiplication and Division		
Spring	Number: Multiplication and Division			Measurement: Area	Number: Fractions				Number: Decimals			Consolidation
Summer	Number: Decimals		Measurement: Money		Measurement: Time		Statistics	Geometry: Properties of Shape		Geometry: Position and Direction		Consolidation

Year 4 –Yearly Overview -Autumn

	Week 1 –4 (BLOCK 1)	Week 5-7 (BLOCK 2)	Week 8 -9 (BLOCK 3)	Week 10-12 (BLOCK 4)	Week 13-14
	Number: Place Value	Number: Addition and Subtraction	Measurement: Length and Perimeter	Number: Multiplication and Division	13 –Consolidation 14 – Activity Week
White Rose Maths Small Steps	•Round to the nearest 10 •Round to the nearest 100 •Count in 1000s •Represent numbers to 10 000 •1000s, 100s, 10s and 1s •Partitioning •Number line to 10 000 •1000 more or less •Compare 4-digit numbers •Order numbers •Round to the nearest 1000 •Count in 25s •Negative numbers •Roman numerals to 100	•Add and subtract 1s, 10s, 100s and 1000s •Add two 4 digit numbers no exchange •Add two 4 digit numbers one exchange •Add two 4 digit numbers more than one exchange •Subtract two 4 digit numbers no exchange •Subtract two 4 digit numbers one exchange •Subtract two 4 digit numbers more than one exchange •Efficient subtraction •Estimate answers •Checking strategies	•Kilometres •Perimeter on a grid •Perimeter of a rectangle •Perimeter of rectilinear shapes	•**Multiply by 1 and 0** •**Divide by 1** •Multiply by 10 •Multiply by 100 •Divide by 10 •Divide by 100 •*Multiply and divide by 6* •*6 times table and division facts* •*Multiply and divide by 9* •*9 times table and division facts.* •*Multiply and divide by 7* •*7 times table and division facts*	
Small Steps from Previous year	•Numbers to 1000 •100s, 10s and 1s •Numberline to 1000 •Find 1, 10 and 100 more or less	•Add two 3-digit numbers – not crossing 10 or 100 •Add two 3-digit numbers –crossing 10 or 100 •Subtract a 3-digit number from a 3-digit number – no exchange •Subtract a 3-digit number from a 3-digit number - exchange	•Equivalent lengths – m and cm •Equivalent mm and cm •Add lengths •Subtract lengths •Measure perimeter •*Turns and angles* •*Right angles in shapes* •*Recognise and describe 2D shapes* • *Horizontal/Vertical* *(See Summer)*	•*Multiply and divide by 3* •*The 3 times table*	
Dfe guidance	**3NPV-1 => 4NPV-1** **3NPV-2 => 4NPV-2** **3NPV-3 => 4NPV-3** **3NPV-4 => 4NPV-4**	**3NF-1** **3AS-1** **3AS-2** **3AS-3**	Links to **3G-1** and **3G-2** **4G-2 - Shape**	**3NF-2** **3NF-3 => 4NF-3** **(4NF-1)** **3MD-1** **4MD-1** *4MD-2*	

Year 4 –Yearly Overview –Spring				
Week 1-3 (Block 1)	Week 4 (Block 2)	Week 5-8 (Block 3)	Week 9-11 (Block 4)	Week 12
Number: Multiplication and division	Measurement: Area	Number: Fractions	Number: Decimals	Consolidation
White Rose Maths Small Steps •11 and 12 times table •Multiply 3 numbers •Factor pairs •Efficient multiplication •Written methods •Multiply 2 digits by 1 digit •Multiply 3 digits by 1 digit •Divide 2 digits by 1 digit (1) •Divide 2 digits by 1 digit (2) •Correspondence problems	•What is area? •Counting squares •Making shapes. •Comparing area.	•What is a fraction? •Equivalent fractions (1) •Equivalent fractions (2) •Fractions greater than 1 •Count in fractions •Add 2 or more fractions •Subtract 2 fractions •Subtract from whole amounts •Calculate fractions of a quantity •Problem solving- calculate quantities	•Recognise tenths and hundredths. •Tenths as decimals. •Tenths on a place value grid. •Tenths on a number line. •Divide 1 digit by 10. •Divide 2 digits by 10. •Hundredths. •Hundredths as decimals. •Hundredths on a place value grid. •Divide 1 or 2 digits by 100.	All
Small steps from Previous year •Multiply 2 digits by 1 digit •Divide 2 digits by 1 digit		•Unit and non-unit fractions •Tenths •Count in tenths •Equivalent fractions (1) •Equivalent fractions (2) •Add fractions •Subtract fractions •Fractions of a set of objects •Equivalent fractions		
Dfe guidance **3MD-1** **(4NF-1)** **4NF-2** **4NF-3** **4MD-1** **4MD-2** **4MD-3**	*4NF-1*	**3F-1** **3F-2** **3F-3 => 4F-1** **4F-2** **3F-4 => 4F-3**		

Year 4 –Yearly Overview –Summer

	Week 1 –2 (BLOCK 1)	Week 3-4 (BLOCK 2)	Week 5-6 (Block 3)	Week 7 (Block 4)	Week 8-9 (Block 5)	Week 10-11 (Block 6)	Week 11-12
	Number: Decimals	Measurement: Money	Measurement: Time	Statistics	Geometry: Property of Shape	Geometry: Position and Direction	11 – Consolidation 12 – Activity wk
White Rose Maths Small Steps	•Make a whole •Write decimals •Compare decimals •Order decimals •Round decimals •Halves and quarters	•Pounds and pence •Ordering amounts of money •Using rounding to estimate money •Four operations	•Hours, minutes and seconds •Years, months, weeks and days •Analogue to digital 12 hour •Analogue to digital 24 hour	•Interpret charts. •Comparison, sum and difference. •Introducing line graphs. •Line graphs.	•Identify angles •Compare and order angles •Triangles •Quadrilaterals •Lines of symmetry •Complete a symmetric figure	•Describe position •Draw on a grid •Move on a grid •Describe a movement on a grid	
Small steps from Previous year	•Bonds to 10 and 100	•Convert pounds and pence •Add money •Subtract money •Find change	•Telling the time to 5 minutes •Telling the time to the minute •AM and PM •24-hour clock •Finding the duration •Comparing the duration •Start and end times •Measuring time in seconds		•*Turns and angles* •*Right angles in shapes* •*Recognise and describe 2D shapes* • *Horizontal/Vertical (See Autumn)*		
Dfe guidance	*3AS-1*				3G-1 4G-2 4G-3	4G-1	

WRM – Year 5 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction		Statistics		Number: Multiplication and Division			Measurement: Perimeter and Area	
Springlad	Number: Multiplication and Division			Number: Fractions						Number: Decimals and Percentages		Consolidation
Summer	Consolidation	Number: Decimals			Geometry: Properties of Shape			Geometry: Position and Direction		Measurement: Converting Units		Measurement: Volume

Year 5 –Yearly Overview -Autumn

	Week 1 –3 (BLOCK 1)	Week 4-5 (BLOCK 2)	Week 6-7 (BLOCK 3)	Week 8-10 (BLOCK 4)	Week 11 –12 (BLOCK 5)	Week 13-14
	Number: Place Value	Number: Addition and Subtraction	Statistics	Number: Multiplication and Division	Measurement: Perimeter and Area	Consolidation
White Rose Maths Small Steps	•Number to 10,000. •Round to the nearest 10, 100 and 1000. •Number to 100,000. •Compare and order numbers to 100,000. •Round numbers within 100,000. •Numbers to a million. •Counting in 10s, 100s, 1,000s, 10,000s and 100,000s. •Compare and order numbers to a million. •Round numbers to a million. •Negative numbers. Roman numerals to 1,000.	•Add whole numbers with more than 4 digits (column method). •Subtract whole numbers with more than 4 digits (column method). •Round to estimate and approximate. •Inverse operations (addition and subtraction). •Multi step addition and subtraction problems.	•Read and interpret line graphs. •Draw line graphs. •Use line graphs to solve problems. •Read and interpret tables. •Two way tables. •Timetables.	•Multiples. •Factors. •Common factors. •Prime numbers. •Square numbers. •Cube numbers. •Multiplying by 10, 100 and 1000. •Dividing by 10, 100 and 1000. •Multiples of 10, 100 and 1000.	•Measure perimeter. •Calculate perimeter. •Area of rectangles. •Area of compound shapes. •Area of irregular shapes.	
Small Steps Previous year	-1000s, 100s, 10s and 1s -Rounding to the nearest 10 -Rounding to the nearest 100	-Add 2 two 4-digit numbers – one exchange -Add 2 two 4-digit numbers – more than one exchange -Subtract two 4-digit numbers – one exchange -Subtract two 4-digit numbers – more than one exchange	•Interpret charts. •Comparison, sum and difference. •Introduce line graphs. •Hours, minutes and seconds. •Years, months, weeks and days. •Analogue to digital 12 hour. •Analogue to digital 24 hour.	-Multiply by 10 -Multiply by 100 -Divide by 10 -Divide by 100	-Perimeter on a grid -Perimeter of rectangles -Perimeter of rectilinear shapes -Counting squares •Identify angles. •Compare and order angles. •Triangles. •Quadrilaterals. •Lines of symmetry. •Complete a symmetric figure. SEE SUMMER TERM	
Dfe guidance	4NPV-1 4NPV-2 4NPV-3 4NPV-4	3AS-3		4NF-1 => 5NF-1 4MD-1 => 5MD-2 4MD-2 => 5MD-2	4G-2 => 5G-2 4G-3	

Year 5 –Yearly Overview –Spring		
Week 1-3 (Block 1)	Week 4-9 (Block 2)	Week 10-12 (Block 3)
Number: Multiplication and division	Number: Fractions	Number: Decimals and Percentages
White Rose Maths Small Steps •Multiply 4 digits by 1 digit. •Multiply 2 digits (area model). •Multiply 2 digits by 2 digits. •Multiply 3 digits by 2 digits. •Multiply 4 digits by 2 digits. •Divide 4 digits by 1 digit. •Divide with remainders.	•Equivalent fractions. •Improper fractions to mixed numbers. •Mixed numbers to improper fractions. •Number sequences. •Compare fractions less than 1. •Order fractions less than 1. •Compare fractions greater than 1. •Order fractions greater than 1. •Add and subtract fractions. •Add fractions within 1. •Add 3 or more fractions. •Add fractions. •Add mixed numbers. •Subtract fractions. •Subtract mixed numbers. •Subtract breaking the whole. •Subtract 2 mixed numbers. •Multiply unit fractions by an integer. •Multiply non unit fractions by an integer. •Multiply mixed numbers by integers. •Fraction of an amount. •Using fractions as operators. •Fraction problem solving	•Decimals up to 2 d.p. •Decimals as fractions (1). •Decimals as fractions (2). •Understand thousandths. •Thousands as decimals. •Rounding decimals. •Order and compare decimals. •Understand percentages. •Percentages as fractions and decimals. •Equivalent F.D.P.
Small steps from Previous year -Multiply 2 by -Multiply 3 by 1 -Divide 2 by 1 -Divide 3 by 1	-What is a fraction? -Equivalent fractions -Fractions greater than 1 -Calculate fractions of a quantity	•**Make a whole.** •**Write decimals.** •**Compare decimals.** •**Order decimals.** •**Round decimals.** •**Halves and quarters.** •**Recognise tenths and hundredths.** •**Tenths as decimals.** •**Tenths on a place value grid.** •**Tenths on a number line.** •**Divide 1 digit by 10.** •**Divide 2 digits by 10.** •**Hundredths.** •**Hundredths as decimals.** •**Hundredths on a place value grid.** •**Divide 1 or 2 digits by 100.**
Dfe guidance **4NF-2** **4MD-3 => 5MD-3** **5MD-4**	**4F-1** **5F-1** **4F-2 => 5F-2** **4F-3**	**5F-3** **5NPV-1** **5NPV-2** **5NPV-3** **4NF-3**

Year 5 –Yearly Overview –Summer

	Week 1	Week 2–4 (BLOCK 1)	Week 5-7 (BLOCK 2)	Week 8-9 (Block 3)	Week 10-11 (Block 4)	Week 12 (Block 5)	Week 13
	Consolidation	Number: Decimals	Geometry: Properties of shapes	Geometry: Position and Direction	Measurement: Converting units	Measurement: Volume	Consolidation
White Rose Maths Small Steps		•Adding decimals within 1. •Subtracting decimals within 1. •Complements to 1. •Adding decimals crossing the whole. •Adding decimals with the same number of decimal places. •Subtracting decimals with the same number of decimal places. •Adding decimals with a different number of decimal places. •Subtracting decimals with a different number of decimal places. •Adding and subtracting whole and decimals. •Decimal sequences. •Multiplying decimals by 10, 100 and 1000. •Dividing decimals by 10, 100 and 1,000.	•Measuring angles in degrees. •Measuring with a protractor. •Drawing lines and angles accurately. •Calculating angles on a straight line. •Calculating angles around a point. •Calculating lengths and angles in shapes. •Regular and irregular polygons. •Reasoning about 3D shapes.	•Position in the first quadrant. •Translation. •Translation with coordinates. •Reflection. •Reflection with coordinates.	•Kilograms and kilometres. •Millimetres and millilitres. •Metric units. •Imperial units. •Converting units of time. •*Timetables.*	•What is volume? •Compare volume. •Estimate volume. •Estimate capacity.	All
Small steps from Previous year			•*Identify angles.* •*Compare and order angles.* •*Triangles.* •*Quadrilaterals.* *SEE AUTUMN TERM*	•Describe position. •Draw on a grid. •Move on a grid. •Describe a movement on a grid. •*Lines of symmetry.* •*Complete a symmetric figure.*	•Kilometres		
Dfe guidance		5NF-2	5G-1 *4G-3*	4G-1	4NPV-4 => 5NPV-4 5NPV-5		

Missed objective not present on the Y5 curriculum:

	Measurement: Time	Measurement: Money
Objectives to be Included from	•Hours, minutes and seconds. •Years, months, weeks and days. •Analogue to digital 12 hour. •Analogue to digital 24 hour.	•Pounds and pence. •Ordering amounts of money. •Using rounding to estimate money. •Four operations.

WRM – Year 6 – Scheme of Learning 2.0s

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value		Number: Addition, Subtraction, Multiplication and Division					Number: Fractions				Geometry: Position and Direction
Spring	Number: Decimals		Number: Percentages		Number: Algebra		Measurement: Converting Units	Measurement: Perimeter, Area and Volume		Number: Ratio		Statistics
Summer	Geometry: Properties of Shape			Consolidation or SATs preparation		Consolidation, investigations and preparations for KS3						

Year 6 –Yearly Overview - Autumn

	Week 1 –2 (BLOCK 1)	Week 3-7 (BLOCK 2)	Week 8 –12 (BLOCK 3)	Week 13 (BLOCK 4) 14	Week
	Number: Place Value	Number: Addition, Subtraction, multiplication and Division	Number: Fractions	Geometry: Position and Direction	Activity Week
White Rose Maths Small Steps	•Numbers to 10 million •Compare and order any number •Round any numbers •Negative numbers (in context) •Negative numbers (more abstract)	•Add and subtract integers •Multiply up to 4-digit by 2-digit number •Short division •Division using factors •Long division (1) •Long division (2) •Long division (3) •Long division (4) •Common factors •Common multiples •Primes to 100 •Squares and cubes •Order of operations •Mental calculations and estimation •Reasoning from known facts	•Simplify fractions •Fractions on a number line •Compare & order (denominator) •Compare & order (numerator) •Add & subtract fractions (1) •Add and subtract fractions activity •Add & subtract fractions (2) •Adding fractions •Subtract fractions •Mixed addition and subtraction •Multiply fractions by integers •Multiply fractions by fractions •Divide fractions by integers (1) •Divide fractions by integers (2) •Four rules with fractions •Fraction of an amount •Fraction of an amount – find the whole	•Coordinates in the first quadrant •Coordinate in four quadrants •Translations •Reflections	
Small steps from Previous year	•Numbers to 10 000 •Numbers to 100 000 •Numbers to a million •Round numbers to 10, 100 and 1000	•Add whole numbers with more than 4 digits •Subtract whole numbers with 4 digits •Inverse operations (add and subtract) •Multi-0step addition and subtraction problems •Multiply 4-digits by 1-digit •Multiply 2-digits (area model) •Multiply 2-digits by 2-digits •Multiply 3-digits by 2-digits •Divide 4-digits by 1-digit •Divide with remainders •Factors	•Equivalent fractions •Improper fractions to mixed numbers •Add mixed numbers •Subtract mixed numbers		
Dfe guidance	5NPV-1 => 6NPV-1 5NPV-2 => 6NPV-2 5NPV-3 => 6NPV-3 5NPV-4 => 6NPV-4	5NF-1 5NF-2 5MD-1 5MD-3/4 6AS/MD-1 (6NPV-1) 6AS/MD-2	5F-1 5F-2 5F-3 5MD-2 6F-1 6F-2 6F-3	4G-1 *6G-1*	

Year 6 –Yearly Overview - Spring

	Week 1-2 (Block 1)	Week 3-4 (Block 2)	Week 5-6 (Block 3)	Week 7 (Block 4)	Week 8-9 (Block 5)	Week 10-11 (Block 6)	Week 12
	Number: Decimals	Number: Percentages	Number: Algebra	Measurement: Converting Units	Measurement: Perimeter, Area & Volume.	Number: Ratio	Statistics
White Rose Maths Small Steps	•Three decimal places •Multiply by 10, 100 and 1000 •Divide by 10, 100 and 1000 •Multiply decimals by integers •Divide decimals by integers • Division to solve problems • Decimals as fractions •Fractions to decimals (1) •Fractions to decimals (2)	•Fractions to percentages •Equivalent FDP •Order FDP •Percentage of an amount (1) •Percentage of an amount (2) •Percentages missing values	•Find a rule one step •Find a rule two step •Forming expressions •Substitution •Formulae •Forming equations •Solve one step equations •Solve two step equations •Find pairs of values (1) •Find pairs of values (2)	•Metric measures •Convert metric measures •Calculate with metric measures •Miles and kilometres •Imperial measures	•Shapes same area •Area and perimeter •Area of a triangle (1) •Area of a triangle (2) •Area of a triangle (3) •Area of a parallelogram •Volume counting cubes •Volume of a cuboid	•Use ratio language •Ratio and fractions •Introducing the ratio symbol •Calculating ratio •Using scale factors •Calculating scale factors •Ratio and proportion problems	•Line graphs •Circles •Read and interpret pie charts •Draw pie charts •The mean
Small steps from Previous year	•Decimals up to 2d.p. •Understand thousandths	•Understand percentages			•What is volume?		
Dfe guidance	**5NF-2** **5NPV-1 => 6NPV-1** **5NPV-2 => 6NPV-2** **5NPV-3 => 6NPV-3**		**6AS/MD-4** **(6AS/MD-1)** **(6G-1)**	**5NPV-5** **6NPV-1** **6NPV-3** **6NPV-4**	**5G-2** **6G-1**	**6AS/MD-3** **(6AS/MD-2)**	

Year 6 –Yearly Overview - Summer				
	Week 1 –3 (BLOCK 1)	**Week 3 – 5**	**Week 6 –12**	
	Geometry: Properties of Shapes	CONSOLIDATION/SATs prep	CONSOLIDATION/INVESTIGATIONS/PREP FOR KS3	
White Rose Maths Small Steps	•Measure with a protractor •Introduce angles •Calculate angles •Vertically opposite angles •Angles in a triangle •Angles in a triangle - special cases •Angles in a triangle - missing angles •Angles in special quadrilaterals •Angles in regular polygons •Draw shapes accurately •Nets of 3D shapes			
Small steps from Previous year	•Drawing lines and angles accurately •Angles on a straight line •Angles around a point.			
Dfe guidance	**6G-1 (6AS/MD-4)**			