Year 5 – Autumn Term

Lesson by lesson overview 2020/21

White Rose Maths

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

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

Week	Day	Topic	
10 16/11/2020	Monday	Divide by 10	(R)
	Tuesday	Divide by 100	(R)
	Wednesday	Divide by 10, 100 and 1,000	
	Thursday	Multiples of 10, 100 and 1,000	
	Friday	Mini-assessment	
11 23/11/2020	Monday	Measure perimeter	
	Tuesday	Perimeter on a grid	(R)
	Wednesday	Perimeter of rectangles	(R)
	Thursday	Perimeter of rectilinear shapes	(R)
	Friday	Calculate perimeter	
12 30/11/2020	Monday	Counting squares	(R)
	Tuesday	Area of rectangles	
	Wednesday	Area of compound shapes	
	Thursday	Area of irregular shapes	
	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	Multiply 2-digits by 1-digit	R
	Tuesday	Multiply 3-digits by 1-digit	R
	Wednesday	Multiply 4-digits by 1-digit	
	Thursday	Area model activity	
	Friday	Multiply 2-digits (area model)	
2 11/01/2021	Monday	Multiply 2-digits by 2-digits	
	Tuesday	Multiply 3-digits by 2-digits	
	Wednesday	Multiply 4-digits by 2-digits (basic practice)	
	Thursday	Multiply 4-digits by 2-digits	
	Friday	Divide 2-digits by 1-digit (1)	R
3 18/01/2021	Monday	Divide 2-digits by 1-digit (2)	R
	Tuesday	Divide 3-digits by 1-digit	R
	Wednesday	Divide 4-digits by 1-digit	
	Thursday	Divide with remainders	
	Friday	Mini-assessment	
4 25/01/2021	Monday	What is a fraction?	R
	Tuesday	Equivalent fractions	R
	Wednesday	Equivalent fractions	
	Thursday	Fractions greater than 1	R
	Friday	Improper fractions to mixed numbers	

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

Week	Day	Topic
10 15/03/2021	Monday	Decimals up to 2 d.p.
	Tuesday	Decimals as fractions (1)
	Wednesday	Decimals as fractions (2)
	Thursday	Understand thousandths
	Friday	Thousandths as decimals
11 22/03/2021	Monday	Rounding decimals
	Tuesday	Order and compare decimals
	Wednesday	Understand percentages
	Thursday	Percentages as fractions and decimals
	Friday	Equivalent FDP
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

White Rose Maths

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
	Thursday	Dividing decimals by 10, 100 and 1,000
	Friday	Mini-assessment

Week	Day	Topic
5 10/05/2021	Monday	Identify angles ®
	Tuesday	Compare and order angles ®
	Wednesday	Measuring angles in degrees
	Thursday	Measuring with a protractor (1)
	Friday	Measuring with a protractor (2)
6 17/05/2021	Monday	Drawing lines and angles accurately activity
	Tuesday	Drawing lines and angles accurately
	Wednesday	Calculating angles on a straight line
	Thursday	Calculating angles around a point
	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
10 21/06/2021	Monday	Kilometres ⓇR
	Tuesday	Kilograms and kilometres
	Wednesday	Millimetres and millilitres
	Thursday	Metric units activity
	Friday	Metric units
11 28/06/2021	Monday	Imperial units activity
	Tuesday	Imperial units
	Wednesday	Converting units of time
	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.