AUTUMN term - A whole school plan for primary maths from the White Rose Maths Hub

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 1	Place Value within 10				Addition and subtraction within 10				Recognise 2D and 3D shapes	Place Value within 20		Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	Place Value to 100			Addition and subtraction to 100					Money Combinations of coins and notes		Multiplication 2,5 and 10 tables	

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 3	Place Value to 1,000			Addition and subtraction 3 digit numbers					Multiplication and division, 3,4 and 8 tables			Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 4	Place Value 4 digits				Addition and Subtraction			Length & Perimeter	Multiplication and division			Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 5	Place Value - to 6 digits			Addition & subtraction		Statistics		Multiplication & division		Measurement - Perimeter & area		Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 6	Place Value		4 Operations				Fractions				Position & direction	Consolidation

SPRING term - A whole school plan for primary maths from the White Rose Maths Hub

Week	1	2	3	4	5	6	7	8	9	10	11	12

Year 1

Week 1–4	Week 5–7	Week 8–9	Week 10–11	Week 12
Addition and subtraction within 20	Place value within 50 Multiples of 2,5 and 10	Measure units of length and height	Measure units of mass and capacity	Consolidation

Year 2

Week 1–2	Week 3–4	Week 5–7	Week 8–10	Week 11	Week 12
Division 2,5 and 10 tables	Statistics	Properties of shape	Fractions	Length & height	Consolidation

Year 3

Week 1–3	Week 4	Week 5–6	Week 7–9	Week 10–11	Week 12
Multiplication and division	Money	Statistics	Measurement Length & perimeter	Fractions	Consolidation

Year 4

Week 1–3	Week 4	Week 5–8	Week 9–11	Week 12
Multiplication and division	Area	Fractions	Decimals	Consolidation

Year 5

Week 1–3	Week 4–9	Week 10–11	Week 12
Multiplication and division	Fractions	Decimals and percentages	Consolidation

Year 6

Week 1–2	Week 3–4	Week 5–6	Week 7	Week 8–9	Week 10–11	Week 12
Decimals	Percentages	Algebra	Time	Perimeter area & volume	Ratio	Consolidation

SUMMER term - A whole school plan for primary maths from the White Rose Maths Hub

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 1	Multiplication and division			Fractions halves and quarters		Movement turns	Place Value within 100		Money coins and notes	Time Sequence events, on hour and half hour, days/ weeks / months		Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	Position & Direction			Problem solving		Time			Mass, Capacity & Temperature		Investigations	

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 3	Fractions			Time			Properties of shapes		Measurement, Mass & Capacity			Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 4	Decimals		Money		Time	Statistics		Properties of shape			Position and direction	Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 5	Decimals				Properties of shape			Position and direction	Measurement converting units		Volume	Consolidation

Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 6	Properties of shape		Problem Solving			Statistics		Investigations				Consolidation

Year 1 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value	Addition and subtraction	Geometry	Number and place value	
Place Value within 10	Addition and subtraction within 10	Shape Recognise 2D and 3D shapes	Place Value within 20	Consolidation

Year 1 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Addition and subtraction	Number and place value	Measurement	Measurement	
Addition and subtraction within 20	Place value within 50 Multiples of 2,5 and 10	Measure units of length and height	Measure units of mass and capacity	Consolidation

Year 1 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Multiplication and Division	Fractions	Geometry	Number and place value	Measurement	Measurement	
Introduction to multiplication and division	Fractions Introduction to Fractions, Halves and quarters	Position & direction Turns	Place Value within 100	Money coins and notes	Time Sequence events, on hour and half hour, days/ weeks / months	Consolidation

Year 2 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value

Place Value to 100

Addition and subtraction

Add and subtract
2 digit and ones,
2 digit and tens
2 digit and 2 digit,
3 single digit numbers

Measurement

Money - Recognise £ and p
Use different combinations of coins

Multiplication & division

Multiplication
2, 5 and 10 tables

Year 2 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Multiplication & division

Division
2, 5 and 10 tables

Statistics

Statistics

Geometry

Shape
Identify and describe the properties of 2D an 3D shapes

Fractions

Fractions
Recognose and write
1/3, 1/4, 2/4, 3/4.

Measurement

Measure
Choose and use appropriate standard units of length

Consolidation

Year 2 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Geomerty

Position and movement
patterns and sequences rotations and right angles turns

Problem Solving

Problem solving and efficient methods

Measurement

Time
Tell the time to 5 minutes,
Compare and sequence time,
hrs in a day, mins in an hour

Measurement

Measurement
Choose and use appropriate standard units of mass, capacity and temperature

Investigations

Investigations

Year 3 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value	Addition and subtraction	Multiplication and division	

Place Value to 1,000

Add and subtract mentally,

3 digit and ones,

3 digit and tens,

3 digit and hundreds,

Formal methods

Multiplication and division facts for 3,4 and 8 tables

Consolidation

Year 3 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Multiplication and division	Measurement	Statistics	Measurement	Fractions	

Multiplication and division 2digit by1 digit, mental and formal methods

Money Add & subtract

Statistics, Interpret and present bar charts, pictograms and tables

Measurement, Add and subtract lengths Find perimeter of 2D shapes

Fractions Count in tenths, Unit and non unit fractions

Consolidation

Year 3 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Fractions	Measurement	Geometry	Measurement	

Fractions equivalence and compare fractions, Add and subtract same denominator within a whole

Time to the minute, Roman numerals, 12 and 24 hr clock duration of events

Shape Identify angles and lines, Draw 2D and make 3D shapes

Measurement Add and subtract Mass and capacity units

Consolidation

Year 4 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value

Place Value - 4 digits

Addition and subtraction

Addition and subtraction
4 digits using mental and
formal methods

Measurement

Perimeter of rectilinear

Multiplication and division

Multiplication and division,
tables to 12 x 12,
multiply and divide by 1,
multiply by 0,
multiply together 3 numbers

Consolidation

Year 4 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Multiplication and division

Multiplication and division,
factor pairs,
formal methods 2 and 3 digit
by 1 digit

Measurement

Area of rectilinear shapes

Fractions

Fractions,
Count in hundredths,
show equivalent fractions,
add and subtract fractions,
find fraction of amounts

Decimals

Decimals
recognise tenths and
hundredths,
divide 2digits by 10 and 100

Consolidation

Year 4 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Decimals

Decimals
Round decimals to
1dp,
recognise 1/4, 1/2
& 3/4

Measurement

Money
Estimate, calculate
and compare

Measurement

Time,
convert
hr to
min,
12 to 24
hr

Statistics

Statistics,
discrete and
continuous data

Geometry

Properties of shape,
Identify and compare angles,
classify shapes,
lines of symmetry

Geometry

Position & direction,
Co-ordinates and translations

Consolidation

Year 5 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value			Addition and subtraction		Statistics		Multiplication and division		Measurement		
Place Value - up to 6 digit			Addition and subtraction, mentally formally 4 digit		Statistics, line graphs and tables		Multiplication and division, x ÷ 10,100 & 1000, prime square and cube numbers		Perimeter & area, Perimeter of composite shapes, area of rectangles.		Consolidation

Year 5 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Multiplication and division			Fractions						Decimals		
Multiplication and division formal methods, multiply 4digit by 1 digit and 2 digit, divide 4 digit by 1 digit			Fractions Mixed fractions and improper fractions, Add and subtract fractions, multiply fractions by whole numbers, Read and write decimals as fractions						Decimals and Percentages compare to 3d.p. recognise and understand per cent		Consolidation

Year 5 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Decimals				Geometry			Geometry	Measurement		Measurement	
Decimals multiply and divide numbers by 10, 100 & 1,000 Use 4 operations to solve measurement problenms				Properties of shapes and angles degress in straight line and about a circle, regular and irregular polygons			Position & movement reflection and translation	Measurement, converting units imperial measurements		Measurement volume	Consolidation

Year 6 Autumn

1	2	3	4	5	6	7	8	9	10	11	12

Number and place value	4 Operations	Fractions	Geometry	
Place Value - up to 7 digit	Addition, subtraction, multiplication and division Formal method - multiply & divide 4 digit by 2 digit	Fractions Add, subtract, multiply and divide fractions, order and compare fractions	Position & direction, co-ordinates & translation	Consolidation

Year 6 Spring

1	2	3	4	5	6	7	8	9	10	11	12

Decimals	Percentages	Algebra	Measurement	Measurement	Ratio	
Decimals multiply 2d.p. by whole numbers, x ÷ by 10,100 & 1,000	Percentages, equivalences between FDP,Calculate percentage of amounts	Algebra use simple formulae, missing number problems, equations with 2 unknowns	Measurement, converting units to 3 d.p.	Perimeter, area & volume, area of parallelograms, triangles, volume of cubes and cuboids	Ratio	Consolidation

Year 6 Summer

1	2	3	4	5	6	7	8	9	10	11	12

Geometry	Problem solving	Statistics	Investigations	
Properties of shape, draw 2D shapes, find missing angles	Problem solving	Statistics, Identify parts of a circle, construct pie charts and line graphs	Investigations	Consolidation