

Year 1

Long Term Plan

2022 -2023



	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	Consolidation
Spring	Number Place value (within 20)			Number Addition and Subtraction (within 20)			Number Place value (within 50)		Measurement Length and Height		Measurement Weight and Volume	
Summer	Number Multiplication and Division			Number Fractions		Geometry Position and Direction	Number Place value (within 100)		Measurement Money	Measurement Time		Consolidation

Our maths scheme for Year 1 - 6 follows our own carefully curated progression. Learning is built upon progressively and appropriately for the children's level of experience and readiness to progress. Although a guide for content duration is made, teachers regularly use their own professional judgement to extend, shorten and adapt learning within a unit. Due to this, flexibility is accepted for our maths teaching. Teachers can use additional time throughout the year to revise and recap key learning such as number and place value as well as an emphasis on the use of four operations to ensure these skills are regularly used discreetly as well as within contexts.

Our overviews follow the objectives outlined in the White Rose units and are enhanced through the careful consideration of NCETM resources to ensure our children have opportunity to gain a deeper understanding of the learning taking place. Where NCETM links are not available, teachers are able to use professional judgement on any linked NCETM spines as well as enhancing White Rose learning with additional resources. Children are exposed to learning through collaborative learning lessons, practical lessons, and independent learning.

Sentence stems are used in all units to embed language and vocabulary as well as the tools for children to express their knowledge in problem solving and reasoning. Out of year group White Rose links ensure teachers are clear with previous learning as well as future learning.

AUTUMN

Number: Place Value (within 10)

NEW VOCABULARY

numbers to 10; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.

White Rose Objective	NCETM link
Sort objects	1.2 – Teaching point 1
Count objects	1.3 – Teaching point 1
Represent objects	1.3 – Teaching point 1
Count, read and write forwards from any number 0 to 10	1.4 – Teaching point 1 1.4 – Teaching point 2
Count, read and write backwards from any number 0 to 10	1.4 – Teaching point 1 1.4 – Teaching point 2
Count one more	1.3 – Teaching point 6
Count one less	1.3 – Teaching point 6
One-to-one correspondence to start to compare groups	1.3 – Teaching point 1
Compare groups using language such as equal, more/greater, less/fewer	1.4 – Teaching point 2
Introduce $<$, $>$ and $=$ symbols	1.4 – Teaching point 2
Compare numbers	1.4 – Teaching point 2
Order groups of objects	1.4 – Teaching point 2
Order numbers	1.4 – Teaching point 2
Ordinal numbers (1 st , 2 nd , 3 rd)	1.3 – Teaching point 2
The number line	1.4 – Teaching point 2

AUTUMN

Addition & Subtraction (within 10)

NEW VOCABULARY

number bonds, part, whole; plus; fact family, addition sentence, number sentence; how many more; number line; commutative; addition, more, make, sum, total, add together, altogether; calculation; Inverse equals, is the same as (including equals sign); subtract, subtraction, take away, minus; difference between, what is the difference? how many more?, how many less? how much more is?

White Rose Objective	NCETM link
Part-whole model	1.2 – Teaching point 4
Addition symbol	1.5 – Teaching point 1
Fact families – addition facts	1.7 – Teaching point 1
Find number bonds for numbers within 10	1.7 – Teaching point 2
Systematic methods for number bonds within 10	1.7 – Teaching point 2
Number bonds to 10	1.7 – Teaching point 2
Compare number bonds	1.7 – Teaching point 2
Addition – adding together	1.5 – Teaching point 1
Addition – adding more	1.6 – Teaching point 1
Finding a part	1.5 – Teaching point 3
Subtraction – taking away, how many left? Crossing out	1.6 – Teaching point 2
Subtraction – taking away, how many left? Introducing the subtraction symbol	1.5 – Teaching point 4
Subtraction – finding a part, breaking apart	1.5 – Teaching point 4
Fact families – the 8 facts	
Subtraction – counting back	1.7 – Teaching point 3
Subtraction – finding the difference	1.7 – Teaching point 6
Comparing addition and subtraction statements $a+b>c$	1.7 – Teaching point 10

Comparing addition and subtraction statements $a+b>c+d$	1.7 – Teaching point 10
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AUTUMN

Shape

NEW VOCABULARY

polygon, 2D, 3D, group, sort, corner (point, pointed) face, side, edge, make, build, draw, 3D shape names, 2D shape names

White Rose Objective	NCETM link
Recognise and name 3D shapes	
Sort 3D shapes	
Recognise and name 2D shapes	
Sort 2D shapes	
Patterns with 3D and 2D shapes	

AUTUMN

Place Value (within 20)

NEW VOCABULARY

numbers to 20; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.

White Rose Objective	NCETM link
Count forwards and backwards and write numbers to 20 in numerals and words	1.10 – Teaching point 2
Numbers from 11 to 20	1.10 – Teaching point 1
Tens and ones	1.10 – Teaching point 2

Count one more and one less	1.10 – Teaching point 2
Compare groups of objects	1.10 – Teaching point 2
Compare numbers	1.10 – Teaching point 2
Order groups of objects	1.10 – Teaching point 2
Order numbers	1.10 – Teaching point 2

SPRING

Addition and Subtraction (within 20)

NEW VOCABULARY

number bonds, part, whole; plus; fact family, addition sentence, number sentence; how many more; number line; commutative; addition, more, make, sum, total, add together, altogether; calculation; Inverse equals, is the same as (including equals sign); subtract, subtraction, take away, minus; difference between, what is the difference? how many more?, how many less? how much more is?

White Rose Objective	NCETM link
Add by counting on	1.10 – Teaching point 5
Find & make number bonds	1.10 – Teaching point 5
Add by making 10	
Subtraction – Not crossing 10	1.10 – Teaching point 5
Subtraction – Crossing 10 (1)	1.11 – Teaching point 6
Subtraction – Crossing 10 (2)	1.11 – Teaching point 6
Related facts	1.10 – Teaching point 5
Compare number sentences	1.10 – Teaching point 5

SPRING

Place Value (within 50)

NEW VOCABULARY

numbers to 50; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.

White Rose Objective	NCETM link
Numbers to 50	1.9 – Teaching point 1
Tens and ones	1.9 – Teaching point 2
Represent number to 50	1.9 – Teaching point 2
One more one less	1.9 – Teaching point 3
Compare objects within 50	1.9 – Teaching point 4
Compare numbers within 50	1.9 – Teaching point 4
Order numbers within 50	
Count in 2s	2.1 – Teaching point 1
Count in 5s	

SPRING

Length and Height

NEW VOCABULARY

length, measure, measuring; ruler, cm

White Rose Objective	NCETM link
Compare lengths and heights	1.1 – Teaching point 2
Measure length (1)	1.1 – Teaching point 1
Measure length (2)	1.1 – Teaching point 1

SPRING

Weight and Volume

NEW VOCABULARY

balance, scale; volume, full, half full, quarter full, empty; capacity; holds, container

White Rose Objective	NCETM link
Introduce weight and mass	1.1 – Teaching point 1
Measure mass	1.1 – Teaching point 1
Compare mass	1.1 – Teaching point 2
Introduce capacity and volume	1.1 – Teaching point 1
Measure capacity	1.1 – Teaching point 1
Compare capacity	1.1 – Teaching point 2

SUMMER

Multiplication and Division

NEW VOCABULARY

how many altogether? How many are there?; groups, groups of, equal groups, unequal groups; row, column, array; number sentence; double, doubles; equal groups of 2, equal groups of 5, equal groups of 10; share, sharing, equally, odd, even,

White Rose Objective	NCETM link
Count in 2s (recap)	2.1 – Teaching point 1
Count in 5s (recap)	
Count in 10s	1.8 – Teaching point 2
Make equal groups	2.1 – Teaching point 3
Add equal groups	2.1 – Teaching point 3
Make arrays	2.1 – Teaching point 3
Make doubles	1.10 – Teaching point 4
Make equal groups – grouping	2.1 – Teaching point 3

Make equal groups - sharing	2.1 – Teaching point 3
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SUMMER	
Fractions	
NEW VOCABULARY	
whole, parts, equal parts, the same; split; groups; share; equally; quarter; four equal parts One half, two halves A quarter, two quarters	
White Rose Objective	NCETM link
Find a half (1)	Year 1 – Fractions of an object
Find a half (2)	Year 1 – Fractions of an object
Find a quarter (1)	Year 1 – Fractions of an object
Find a quarter (2)	Year 1 – Fractions of an object

SUMMER	
Position and Direction	
NEW VOCABULARY	
Turn, full, half, quarter, three quarter; direction; movement, move; position; left, right, up, down; top, bottom, middle, above, below, between; in front, behind	
White Rose Objective	NCETM link
Describe turns	
Describe position (1)	
Describe position (2)	

SUMMER

Place Value (within 100)

NEW VOCABULARY

numbers to 100; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.

White Rose Objective	NCETM link
Counting forwards and backwards within 100	1.9 – Teaching point 1
Partitioning numbers	1.9 – Teaching point 5
Comparing numbers (1)	1.9 – Teaching point 4
Comparing numbers (2)	1.9 – Teaching point 4
Ordering numbers	1.9 – Teaching point 4
One more, one less	1.9 – Teaching point 3

SUMMER

Money

NEW VOCABULARY

money; value; coin; note; amount; 1p, 2p, 5p, 10p, 20p, 50p, £1, £2, £5, £10

White Rose Objective	NCETM link
Recognising coins	2.1 – Teaching point 4
Recognising notes	2.1 – Teaching point 4
Counting in coins	2.1 – Teaching point 5

SUMMER

Time

NEW VOCABULARY

hour, o'clock, half past, clock, watch, hands; hour, minute, second; before, after next, last now, soon, early, late quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly old, older, oldest, new, newer, newest

White Rose Objective	NCETM link
Before and after	
Dates	
Time to the hour	
Time to the half hour	
Writing time	
Comparing time	

