

Year 3 Small Steps Maths Planning: Steps taken from White Rose planning.

For detail about each step, please refer to the relevant White Rose Scheme of Learning
Please remember that each step is not necessarily one lesson. In some cases, depending on the cohort, one step may take several lessons, in others, more than one step may be incorporated into a single lesson.

Autumn term		
	Step	White Rose SOW Position
Number: Place Value		
	Represent numbers to 100	Autumn
	Partition numbers to 100	Autumn
	Number line to 100	Autumn
	Hundreds	Autumn
	Represent numbers to 1,000	Autumn
	Partition numbers to 1,000	Autumn
	Flexible partitioning of numbers to 1,000	Autumn
	Hundreds, tens and ones	Autumn
	Find 1, 10 or 100 more or less	Autumn
	Number line to 1,000	Autumn
	Estimate on a number line to 1,000	Autumn
	Compare numbers to 1,000	Autumn
	Order numbers to 1,000	Autumn
	Count in 50s	Autumn
Number: Addition and Subtraction		
	Apply number bonds within 10	Autumn
	Add and subtract 1s	Autumn
	Add and subtract 10s	Autumn
	Add and subtract 100s	Autumn
	Spot the pattern	Autumn
	Add 1s across a 10	Autumn
	Add 10s across a 100	Autumn
	Subtract 1s across a 10	Autumn

	Subtract 10s across a 100	Autumn
	Make connections	Autumn
	Add two numbers (no exchange)	Autumn
	Add two numbers (across a 10)	Autumn
	Add two numbers (across a 100)	Autumn
	Subtract two numbers (across a 10)	Autumn
	Subtract two numbers (across a 100)	Autumn
	Add 2-digit and 3-digit numbers	Autumn
	Subtract a 2-digit number from a 3-digit number	Autumn
	Complements to 100	Autumn
	Estimate answers	Autumn
	Inverse operations	Autumn
	Make decisions	Autumn
Number: Multiplication and division A		
	Multiplication - equal groups	Autumn
	Use arrays	Autumn
	Multiples of 2	Autumn
	Multiples of 5 and 10	Autumn
	Sharing and grouping	Autumn
	Multiply by 3	Autumn
	Divide by 3	Autumn
	The 3 times-table	Autumn
	Multiply by 4	Autumn
	Divide by 4	Autumn
	The 4 times-table	Autumn
	Multiply by 8	Autumn
	Divide by 8	Autumn
	The 8 times-table	Autumn
	The 2, 4, and 8 times-table	Autumn

Spring term		
	Step	White Rose SOW Position
Number: Multiplication and Division B		
	Multiples of 10	Spring
	Related calculations	Spring
	Reasoning about multiplication	Spring
	Multiply a 2-digit number by a 1-digit number - no exchange	Spring
	Multiply a 2-digit number by a 1-digit number - with exchange	Spring
	Link multiplication and division	Spring
	Divide a 2-digit number by a 1-digit number - no exchange	Spring
	Divide a 2-digit number by a 1-digit number - flexible partitioning	Spring
	Divide a 2-digit number by a 1-digit number - with remainders	Spring
	Scaling	Spring
	How many ways?	Spring
Measurement: Length and Perimeter		
	Measure in metres and centimetres	Spring
	Measure in millimetres	Spring
	Measure in centimetres and millimetres	Spring
	Metres, centimetres and millimetres	Spring
	Equivalent lengths (metres and centimetres)	Spring
	Equivalent lengths (centimetres and millimetres)	Spring
	Compare lengths	Spring
	Add lengths	Spring
	Subtract lengths	Spring
	What is perimeter?	Spring
	Measure perimeter	Spring
	Calculate perimeter	Spring
Number: Fractions A		
	Understand the denominators of unit fractions	Spring

	Compare and order unit fractions	Spring
	Understand the numerators of unit fractions	Spring
	Understand the whole	Spring
	Compare and order non-unit fractions	Spring
	Fractions and scales	Spring
	Fractions on a number line	Spring
	Count in fractions on a number line	Spring
	Equivalent fractions on a number line	Spring
	Equivalent fractions as bar models	Spring
Measurement: Mass and capacity		
	Use scales	Spring
	Measure mass in grams	Spring
	Measure mass in kilograms	Spring
	Equivalent masses (kilograms and grams)	Spring
	Compare mass	Spring
	Add and subtract mass	Spring
	Measure capacity and volume in millilitres	Spring
	Measure capacity and volume in litres and millilitres	Spring
	Equivalent capacities and volumes (litres and millilitres)	Spring
	Compare capacity and volume	Spring
	Add and subtract capacity and volume	Spring

Summer		
	Step	White Rose SOW Position
Number: Fractions B		
	Add fractions	Summer
	Subtract fractions	Summer
	Partition the whole	Summer
	Unit fractions of a set of objects	Summer
	Non-unit fractions of a set of objects	Summer
	Reasoning with fractions of an amount	Summer
Measurement: Money		
	Pounds and pence	Summer
	Convert pounds and pence	Summer
	Add money	Summer
	Subtract money	Summer
	Find change	Summer
Measurement: Time		
	Roman numerals to 12	Summer
	Tell the time to 5 minutes	Summer
	Tell the time to the minute	Summer
	Read time on a digital clock	Summer
	Use am and pm	Summer
	Years, months and days	Summer
	Days and hours	Summer
	Hours and minutes - use start and end times	Summer
	Hours and minutes - use durations	Summer
	Minutes and seconds	Summer
	Units of time	Summer
	Solve problems with time	Summer
Geometry: Shape		

	Turns and angles	Summer
	Right angles	Summer
	Compare angles	Summer
	Measure and draw accurately	Summer
	Horizontal and vertical	Summer
	Parallel and perpendicular	Summer
	Recognise and describe 2-D shapes	Summer
	Draw polygons	Summer
	Recognise and describe 3-D shapes	Summer
	Make 3-D shapes	Summer
Statistics		
	Interpret pictograms	Summer
	Draw pictograms	Summer
	Interpret bar charts	Summer
	Draw bar charts	Summer
	Collect and represent data	Summer
	Two-way tables	Summer

- When teaching formal calculation methods, please see Calculation Policy to ensure that this is being followed. Additional methods should only be used if children need an alternative.