



SNOWDON AUTUMN MATHS LONG TERM PLAN

Week / Focus (WR Small Steps + Codes)	EYFS / Year 1 Objectives	Activities	Resources & Links	Assessment Questions (Reception / Year 1)	Expected Outcomes (Reception / Year 1)	Greater Depth / Challenge
<p>Week 1 –</p> <p>Reception Autumn Block 1 Step 1–2: Matching, sorting & comparing amounts</p> <p>Year 1 Autumn Block 1 Step 1–2: Sort objects; Count objects</p>	<p>Reception (EYFS DM 2021): Begin to match and sort objects; compare quantities using language 'more' and 'fewer'.</p> <p>Year 1 NC: Count to 10, forwards and backwards, beginning with 0 or 1; count, read and write numbers to 10.</p>	<ul style="list-style-type: none"> • Reception: Match objects to identical pairs; sort bears by colour/size; compare sets using 'more'/'fewer'. • <p>Year 1: Sort objects by shape/colour, count accurately using 1:1 correspondence.</p> <ul style="list-style-type: none"> • Whole class: Sorting treasure hunt, group objects by agreed rules. 	<ul style="list-style-type: none"> • Sorting trays, teddy bears, cubes, natural objects. 	<p>Reception: Can you find which set has more? Which has fewer?</p> <p>Year 1: How many cubes are there? Can you count them carefully?</p>	<p>Reception: Children begin to use 'more' and 'fewer' when comparing groups.</p> <p>Year 1: Confidently sort and count objects within 10.</p>	<ul style="list-style-type: none"> • Reception: Explain why one set has 'more'. • <p>Year 1: Create your own rule for sorting a set.</p>
<ul style="list-style-type: none"> • [White Rose EYFS Matching & Sorting](https://whiteroseeducation.com/resources/early-years) • [White Rose Y1 Place Value (within 10)](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/place-value) 						

<p>Week 2 –</p> <p>Reception Autumn Block 1 Step 3–4: Comparing size, mass & capacity</p> <p>Year 1 Autumn Block 1 Step 3–4: Represent numbers to 10; Recognize numbers as words</p>	<p>Reception (EYFS DM 2021): Compare size, mass and capacity using everyday language.</p> <p>Year 1 NC: Count, read and write numbers to 10 in numerals and words.</p>	<ul style="list-style-type: none"> • Reception: Explore classroom objects – compare tall/short, heavy/light, full/empty. <p>Year 1: Represent numbers with objects, tens frames and numerals; practise writing numbers as words.</p> <ul style="list-style-type: none"> • Mixed: Outdoor water play – filling and comparing containers, linking to counting. 	<ul style="list-style-type: none"> • Buckets, scales, water/sand trays, tens frames. 	<p>Reception: Which container is full? Which is empty?</p> <p>Year 1: Show me the number 'seven' in words and numbers.</p>	<p>Reception: Children use everyday language to compare objects.</p> <p>Year 1: Represent and recognise numbers to 10 in words and numerals.</p>	<ul style="list-style-type: none"> • Reception: Predict which object is heavier before using scales. <p>Year 1: Prove different ways to represent 7 (e.g., counters, words, numerals).</p>
<ul style="list-style-type: none"> • [White Rose EYFS Size, Mass & Capacity](https://whiteroseeducation.com/resources/early-years) • [TopMarks Number Recognition Games](https://www.topmarks.co.uk/maths-games/5-7-years/numbers) 						
<p>Week 3 –</p> <p>Reception Autumn Block 1 Step 5–6: Exploring pattern; Count objects,</p>	<p>Reception (EYFS DM 2021): Notice and talk about patterns around them; count objects, actions, and sounds</p>	<ul style="list-style-type: none"> • Reception: Create repeating patterns with cubes/beads; clap and count 	<ul style="list-style-type: none"> • Cubes, beads, musical instruments, number lines. 	<p>Reception: Can you continue this pattern? How many claps did</p>	<p>Reception: Begin to create and describe simple patterns; count actions and</p>	<ul style="list-style-type: none"> • Reception: Create a repeating pattern with 3 or more elements.

actions and sounds	reliably.	sounds.		I do?	objects.	Year 1: Prove that 1 more than 9 = 10 using objects and numbers.
Year 1 Autumn Block 1 Step 5–6: Count on from any number; 1 more and 1 less	Year 1 NC: Given a number, identify one more and one less; count on and back from any number.	Year 1: Use number lines to practise 1 more/less; counting on games with dice. • Mixed: Outdoor pattern hunt linking counting and matching.		Year 1: What is 1 more than 7? What is 1 less than 10?	Year 1: Confident with 1 more/less and counting on from any number.	
<ul style="list-style-type: none"> • [White Rose EYFS Pattern Activities](https://whiteroseeducation.com/resources/early-years) • [White Rose Y1 Place Value](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/place-value) 						
Week 4 – Reception Autumn Block 2 Step 1–2: Representing 1, 2, 3; Recognising numbers to 3 Year 1 Autumn Block 1 Step 7–8: Count backwards; The number line to 10	Reception (EYFS DM 2021): Represent numbers 1–3 with fingers, marks, objects; subitise small quantities. Year 1 NC: Count, read and write numbers to 10; identify and represent numbers on a number line.	• Reception: Use fingers, counters, and marks to show 1, 2, 3; play 'number hunt' for 1–3. Year 1: Count backwards from 10, place missing numbers on number lines. • Mixed: Outdoor	• Counters, number cards, number line floor mat.	Reception: Show me 3 on your fingers. Can you find 2 counters? Year 1: Count backwards from 9. Where does 6 go on the number line?	Reception: Confidently represent 1, 2, 3 in different ways. Year 1: Confident reading/writing and locating numbers 0–10	• Reception: Subitise 3 without counting. Year 1: Create a missing number puzzle on a number line.

		'number treasure hunt' with numbers 1–10.			on number lines.	
<ul style="list-style-type: none"> • [TopMarks Counting Games](https://www.topmarks.co.uk/maths-games/5-7-years/counting) • White Rose Reception and Y1 place value worksheets. 						
<p>Week 5 –</p> <p>Reception Autumn Block 2 Step 3–4: Circles and triangles; Positional language</p> <p>Year 1 Autumn Block 1 Step 9–10: Compare numbers; Introduce <, >, = symbols</p>	<p>Reception (EYFS DM 2021): Explore 2D shapes (circle, triangle); use positional language.</p> <p>Year 1 NC: Use the language of equal to, more than, less than; compare numbers to 10 using symbols.</p>	<ul style="list-style-type: none"> • Reception: Shape hunt for circles and triangles; use toys to practise 'on top', 'under', 'next to'. <p>Year 1: Compare numbers using objects and <, >, =; play 'crocodile eats the biggest number'.</p> <ul style="list-style-type: none"> • Mixed: Outdoor shape hunt followed by comparing quantities. 	<ul style="list-style-type: none"> • Shape cut-outs, toy animals, number cards. 	<p>Reception: Can you find a circle? Put the bear under the chair.</p> <p>Year 1: Which is greater, 7 or 5? Write it with the > symbol.</p>	<p>Reception: Recognise and describe circles and triangles; use positional language.</p> <p>Year 1: Confident comparing numbers to 10 using <, >, =.</p>	<ul style="list-style-type: none"> • Reception: Build a picture using only circles and triangles. <p>Year 1: Prove whether $8 < 10$ is true using objects.</p>
<ul style="list-style-type: none"> • [TopMarks Shape Games](https://www.topmarks.co.uk/maths-games/5-7-years/shapes) • [NRICH Comparing Numbers](https://nrich.maths.org/137) 						

<p>Week 6 –</p> <p>Reception Autumn Block 2 Step 5–6: Representing numbers to 5; One more and one less (within 5)</p> <p>Year 1 Autumn Block 1 Step 11–12: Order numbers; Ordinal numbers</p>	<p>Reception (EYFS DM 2021): Subitise numbers to 5; understand the concept of one more/less.</p> <p>Year 1 NC: Order numbers to 10; recognise ordinal numbers (first, second, third).</p>	<ul style="list-style-type: none"> • Reception: Use fingers, objects and dice to represent numbers to 5; play 'one more/less' games. <p>Year 1: Line up number cards to order 1–10; use ordinal language in races and stories.</p> <ul style="list-style-type: none"> • Mixed: Outdoor race using ordinal numbers and comparing one more/less. 	<ul style="list-style-type: none"> • Number cards, dice, cubes, toys. 	<p>Reception: Show me one more than 3. What is one less than 5?</p> <p>Year 1: Put these numbers in order: 4, 2, 7. Who came 2nd in the race?</p>	<p>Reception: Confident representing numbers to 5 and finding one more/less.</p> <p>Year 1: Order numbers to 10; use ordinal numbers correctly.</p>	<ul style="list-style-type: none"> • Reception: Subitise 4 without counting. <p>Year 1: Create your own ordinal number problem.</p>
<ul style="list-style-type: none"> • [White Rose EYFS Subitising Activities](https://whiteroseeducation.com/resources/early-years) • [TopMarks Ordinal Numbers](https://www.topmarks.co.uk/ordering-and-sequencing/ordinal-numbers) 						
<p>Week 7 –</p> <p>Reception Autumn Block 3 Step 1–2: Shapes with 4 sides; Positional language</p>	<p>Reception (EYFS DM 2021): Begin to recognise squares and rectangles; use</p>	<ul style="list-style-type: none"> • Reception: Shape hunt for squares/rectangles; practise describing 	<ul style="list-style-type: none"> • Shape cut-outs, toy animals, part-whole models. 	<p>Reception: Can you find a square in the classroom? Put the bear behind the</p>	<p>Reception: Recognise 4-sided shapes and use positional</p>	<ul style="list-style-type: none"> • Reception: Build a picture using only rectangles and squares.

<p>(next to, behind)</p> <p>Year 1 Autumn Block 2 Step 1–2: Addition – Part-whole within 10</p>	<p>positional language.</p> <p>Year 1 NC: Represent and use number bonds within 10; solve addition problems using part-whole.</p>	<p>position with toys.</p> <p>Year 1: Use part-whole models and cubes to show addition facts within 10.</p> <ul style="list-style-type: none"> Mixed: Build shape models and count blocks, linking to part-whole. 		<p>box.</p> <p>Year 1: Show how 7 can be made from two smaller numbers.</p>	<p>language.</p> <p>Year 1: Represent addition within 10 using part-whole models.</p>	<p>Year 1: Find all the ways to make 8 using two parts.</p>
<ul style="list-style-type: none"> [White Rose Y1 Addition & Subtraction](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/addition-subtraction) [NRICH Shape Activities](https://nrich.maths.org/primary) 						
<p>Week 8 –</p> <p>Reception Autumn Block 3 Step 3–4: Numbers to 5 – Subitising and representing on a 5-frame</p> <p>Year 1 Autumn Block 2 Step 3–4: Addition – Number bonds to 10</p>	<p>Reception (EYFS DM 2021): Subitise to 5; represent numbers using 5-frames.</p> <p>Year 1 NC: Represent and use number bonds and related subtraction facts within 10.</p>	<ul style="list-style-type: none"> Reception: Fill 5-frames with counters to show different numbers; practise subitising. <p>Year 1: Use counters, tens frames to explore number bonds to 10.</p>	<ul style="list-style-type: none"> Counters, 5-frames, tens frames. 	<p>Reception: Show 4 on a 5-frame. How many spaces are empty?</p> <p>Year 1: What is the number bond to 10 that goes with 7?</p>	<p>Reception: Confidently represent numbers to 5 with subitising and 5-frames.</p> <p>Year 1: Secure recall of number bonds to 10.</p>	<ul style="list-style-type: none"> Reception: Show 5 in more than one way on a 5-frame. <p>Year 1: Prove that if $7+3=10$, then $10-7=3$.</p>

		<ul style="list-style-type: none"> • Mixed: Group game – complete missing bonds to 5 and 10. 				
<ul style="list-style-type: none"> • [TopMarks Number Bonds](https://www.topmarks.co.uk/maths-games/hit-the-button) • White Rose Reception & Y1 activities. 						
<p>Week 9 –</p> <p>Reception Autumn Block 3 Step 5–6: One more and one less (within 5); Composition of 4 and 5</p> <p>Year 1 Autumn Block 2 Step 5–6: Subtraction – Fact families within 10</p>	<p>Reception (EYFS DM 2021): Explore one more/less to 5; understand composition of numbers to 5.</p> <p>Year 1 NC: Represent and use subtraction facts within 10; understand fact families.</p>	<ul style="list-style-type: none"> • Reception: Use cubes and toys to explore 1 more/less; decompose 4 and 5 in different ways. <p>Year 1: Write and solve subtraction sentences; explore inverse facts.</p> <ul style="list-style-type: none"> • Mixed: Build towers of 4 and 5; write related addition/subtraction sentences. 	<ul style="list-style-type: none"> • Cubes, toy animals, 5-frames. 	<p>Reception: What is one less than 5? Can you show it?</p> <p>Year 1: If $7-3=4$, what other facts do you know?</p>	<p>Reception: Confident with one more/less and different compositions of 4 and 5.</p> <p>Year 1: Secure with fact families for addition and subtraction within 10.</p>	<ul style="list-style-type: none"> • Reception: Show 5 as $2+2+1$. <p>Year 1: Create your own subtraction story to match $9-6=3$.</p>
<ul style="list-style-type: none"> • [White Rose EYFS Number Activities](https://whiteroseeducation.com/resources/early-years) • [NRICH Subtraction Games](https://nrich.maths.org/primary) 						

<p>Week 10 –</p> <p>Reception Autumn Block 4 Step 1–2: Numbers to 10 – Represent and subitise</p> <p>Year 1 Autumn Block 2 Step 7–8: Subtraction – Subtract within 10; Solve problems</p>	<p>Reception (EYFS DM 2021): Represent and subitise numbers to 10; count objects accurately.</p> <p>Year 1 NC: Represent and use subtraction within 10; solve one-step problems.</p>	<ul style="list-style-type: none"> • Reception: Use tens frames to represent 6–10; practise subitising with dot patterns. <p>Year 1: Solve subtraction problems using counters, number lines.</p> <ul style="list-style-type: none"> • Mixed: Build towers of cubes and take some away – discuss how many are left. 	<ul style="list-style-type: none"> • Tens frames, dot cards, cubes. 	<p>Reception: Show me 7 on a tens frame. How many dots? Can you subitise?</p> <p>Year 1: 9-4=? Use counters to show.</p>	<p>Reception: Confidently represent and subitise to 10.</p> <p>Year 1: Confident subtracting within 10 using different methods.</p>	<ul style="list-style-type: none"> • Reception: Show 8 in two different ways on a tens frame. <p>Year 1: Create your own subtraction story for $10-7=3$.</p>
<ul style="list-style-type: none"> • [White Rose EYFS Number to 10](https://whiteroseeducation.com/resources/early-years) • [White Rose Y1 Subtraction](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/addition-subtraction) 						
<p>Week 11 –</p> <p>Reception Autumn Block 4 Step 3–4: Comparing numbers within 10</p>	<p>Reception (EYFS DM 2021): Compare numbers using 'more than', 'fewer than', 'equal to'.</p>	<ul style="list-style-type: none"> • Reception: Compare sets of cubes, describe using comparison words. 	<ul style="list-style-type: none"> • Cubes, counters, part-whole models. 	<p>Reception: Which has more, 6 or 8? Show me.</p>	<p>Reception: Use comparative language with numbers confidently.</p>	<ul style="list-style-type: none"> • Reception: Explain why 7 is more than 5.

<p>Year 1 Autumn Block 2 Step 9–10: Fact families – addition and subtraction within 10</p>	<p>Year 1 NC: Understand addition and subtraction fact families within 10.</p>	<p>Year 1: Write fact families for given numbers using cubes and part-whole models.</p> <ul style="list-style-type: none"> • Mixed: Small group challenge comparing numbers and creating fact families. 		<p>Year 1: If $6+4=10$, what other facts do you know?</p>	<p>Year 1: Secure with fact families within 10.</p>	<p>Year 1: Prove that subtraction is the inverse of addition.</p>
<ul style="list-style-type: none"> • [TopMarks More/Less Games](https://www.topmarks.co.uk/maths-games/5-7-years/place-value) • White Rose Reception & Y1 activities. 						
<p>Week 12 – Reception Autumn Block 5 Step 1–2: 2D and 3D shape – Explore and sort</p> <p>Year 1 Autumn Block 3 Step 1–2: Geometry – Recognise and name 2D and 3D shapes</p>	<p>Reception (EYFS DM 2021): Explore and sort 2D and 3D shapes; describe simple properties.</p> <p>Year 1 NC: Recognise and name common 2D and 3D shapes in different orientations.</p>	<ul style="list-style-type: none"> • Reception: Free play with 2D and 3D shapes; sort shapes by size, sides. <p>Year 1: Shape hunt around classroom/school; name and describe properties.</p> <ul style="list-style-type: none"> • Mixed: Group 	<ul style="list-style-type: none"> • 2D cut-outs, 3D blocks, natural materials. 	<p>Reception: Can you find a shape with 3 sides?</p> <p>Year 1: Name this 3D shape – what properties does it have?</p>	<p>Reception: Begin to recognise and sort shapes by simple features.</p> <p>Year 1: Confident recognising and naming 2D and 3D shapes.</p>	<ul style="list-style-type: none"> • Reception: Build a picture using only triangles and circles. <p>Year 1: Prove that a square is also a rectangle.</p>

		shape building with blocks.				
<ul style="list-style-type: none"> • [White Rose EYFS Shape Resources](https://whiteroseeducation.com/resources/early-years) • [NRICH Shape Activities](https://nrich.maths.org/primary) 						
<p>Week 13 –</p> <p>Reception Autumn Review: Numbers to 10, Addition & Subtraction within 5, Shape</p> <p>Year 1 Autumn Review: Place Value to 10, Addition & Subtraction within 10, Shape</p>	<p>Reception (EYFS DM 2021): Consolidate number, counting, shape understanding.</p> <p>Year 1 NC: Consolidate number, addition/subtraction, shape understanding.</p>	<ul style="list-style-type: none"> • Reception: Number play activities (subitising, sorting, shape hunts). Year 1: Mixed fluency, reasoning and problem-solving tasks. • Mixed: Team maths quiz. 	<ul style="list-style-type: none"> • White Rose end-of-block assessments. 	<p>Reception: Practical counting and shape prompts.</p> <p>Year 1: Mixed fluency, reasoning, problem-solving.</p>	<p>Reception: Secure early number and shape awareness.</p> <p>Year 1: Secure understanding of Autumn concepts.</p>	<ul style="list-style-type: none"> • Reception: Create your own repeating pattern with shapes and numbers. Year 1: Write and solve your own addition/subtraction word problem.
<ul style="list-style-type: none"> • [NRICH Investigations](https://nrich.maths.org/primary) 						
<p>Week 14 –</p> <p>Reception Autumn Assessment & Investigation Week</p>	<p>Reception (EYFS DM 2021): Assessment of early number and shape skills.</p>	<ul style="list-style-type: none"> • Reception: Observation-based assessment; open-ended play-based investigations. 	<ul style="list-style-type: none"> • White Rose assessments. 	<p>Reception: Teacher-led observations, verbal questioning.</p>	<p>Reception: Summative assessment of Autumn EYFS maths skills.</p>	<ul style="list-style-type: none"> • Reception: Explore and record number or shape in own way.

Year 1 Autumn Assessment & Investigation Week	Year 1 NC: Assess Autumn objectives in place value, addition/subtraction, shape.	Year 1: Formal assessments plus investigations. • Mixed: Group maths challenges.		Year 1: White Rose assessments and problem-solving.	Year 1: Summative assessment of Autumn NC maths objectives.	Year 1: Complete extended reasoning task linking multiple objectives.
<ul style="list-style-type: none"> • [NRICH Open Investigations](https://nrich.maths.org/primary) 						