SNOWDON SPRING 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
Week 1 – Reception Spring Block 1 Step 1–2: Numbers to 5 recap; Composition of 4 and 5 Year 1 Spring Block 1 Step 1–2: Place Value – Count forwards and	Reception (EYFS DM 2021): Secure understanding of numbers 1–5; explore composition of 4 and 5. Year 1 NC: Count to 20 forwards and backwards; read, write and represent numbers 11–20.	• Reception: Build towers of 4 and 5; show different compositions using cubes and fingers. • Year 1: Place numbers 11–20 on number lines; represent with tens frames	• Cubes, fingers, 5-frames, tens frames, dienes. • [White Rose EYFS Composition Activities](https://whiteroseeducation.com/resources/early-years) • [White Rose Y1 Place Value (within 20)](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/place-value-within-20)	Reception: Show me 5 using two different combinations. Year 1: Write the number that comes before 13 and after 17.	Reception: Confidently show compositions of 4 and 5. Year 1: Represent and order numbers 11–20 confidently.	• Reception: Show 5 as 2+2+1 and 3+2. • Year 1: Prove that 15 is made from one ten and five ones.

backwards within 20; Numbers 11–20		and dienes. • Mixed: Outdoor counting game with numbers up to 20.				
Week 2 – Reception Spring Block 1 Step 3–4: Composition of 6, 7, 8 Year 1 Spring Block 1 Step 3–4: Place Value – Tens and ones within 20;	Reception (EYFS DM 2021): Explore and represent 6, 7, 8 using manipulatives. Year 1 NC: Understand place value of numbers to 20; count one more and one less.	• Reception: Make 6, 7, 8 with cubes, counters, fingers; use 10-frames. • Year 1: Represent numbers with tens and ones using dienes; play one more/less game.	• Cubes, counters, 10-frames, dienes. • [White Rose EYFS 6,7,8 Activities](https://whiteroseeducation.com/resources/early-years) • [TopMarks Place Value Games](https://www.topmarks.co.uk/maths-games/5-7-years/place-value)	Reception: Can you show 7 using cubes in two different ways? Year 1: What is one less than 14? One more than 19?	Reception: Represent 6, 7, 8 confidently in different ways. Year 1: Confident using tens and ones to represent numbers to 20.	• Reception: Subitise 6 and 7 using dot patterns. • Year 1: Prove that 18 is greater than 15 using dienes.

Count one more/less		• Mixed: Partner challenge – build numbers with cubes and explain compositi on.				
Week 3 – Reception Spring Block 1 Step 5–6: Compositi on of 9 and 10 Year 1 Spring Block 1 Step 5–6: Place Value – Compare and order	Reception (EYFS DM 2021): Explore and represent 9 and 10 in different ways. Year 1 NC: Compare numbers to 20 using <, >, =; order numbers within 20.	• Reception : Use fingers, cubes, and 10-frames to make 9 and 10. • Year 1: Play 'crocodile eats the bigger number' with numbers	• Cubes, counters, 10-frames, number cards. • [White Rose EYFS 9/10 Activities](https://whiteroseeducation.com/resources/early-years) • [NRICH Ordering Numbers](https://nrich.maths.org/137)	Reception : Can you show 10 using a 10-frame? How else can you make 10? Year 1: Which is greater: 16 or 19? Put these in order: 12, 18, 15.	Reception: Represent 9 and 10 confidently in multiple ways. Year 1: Secure with comparing and ordering to 20.	• Reception: Show 10 in 3 different ways. • Year 1: Create your own number comparison puzzle.

numbers within 20		0–20. • Mixed: Ordering game – children arrange number cards 0–20 in a line.				
Week 4 – Reception Spring Block 2 Step 1–2: Combining two groups (to 10) Year 1 Spring Block 2 Step 1–2: Addition within 20 – Add by counting	Reception (EYFS DM 2021): Combine two groups of objects to find the total. Year 1 NC: Represent and use number bonds and related facts within 20; add using counting on.	• Reception: Use toys and counters to combine groups and count total. • Year 1: Use number lines and tens frames to add by	• Counters, toys, tens frames, number lines. • [White Rose EYFS Combining Groups](https://whiteroseeducation.com/resources/early-years) • [TopMarks Hit the Button (Bonds to 20)](https://www.topmarks.co.uk/maths-games/hit-the-button)	Reception: Combine 3 teddies and 2 teddies. How many altogether? Year 1: What is 14+3? Show on a number line.	Reception: Confident combining two small groups and counting total. Year 1: Add within 20 confidently using counting on.	• Reception: Explain how you know the total without counting each object. • Year 1: Prove that 13+7=20 using a number line and tens frame.

on; Number bonds within 20		counting on; practise number bonds to 20. • Mixed: Role play 'shop' – combine objects and find totals.				
Week 5 – Reception Spring Block 2 Step 3–4: Number bonds to 5 Year 1 Spring Block 2 Step 3–4: Addition within 20	Reception (EYFS DM 2021): Explore pairs of numbers that make 5. Year 1 NC: Recall and use doubles of numbers to 10; use near doubles strategy.	• Reception: Use 5-frames and counters to show all ways to make 5. • Year 1: Practise doubles using counters	• 5-frames, counters, dice. • [White Rose EYFS Number Bonds to 5](https://whiteroseeducation.com/resources/early-years) • [NRICH Doubles Games](https://nrich.maths.org/primary)	Reception: Show me two numbers that make 5. Year 1: What is double 7? What is near double 8+9?	Reception: Secure recall of number bonds to 5. Year 1: Confident recall of doubles and near doubles facts.	• Reception: Prove that 4+1=5 and 2+3=5. • Year 1: Create your own near doubles challenge for a partner.

– Doubles; Near doubles		and dice; near doubles using facts. • Mixed: Partner challenge – find pairs that total 5 or 10.				
Week 6 – Reception Spring Block 2 Step 5–6: Number bonds to 10 (using tens frames) Year 1 Spring Block 2 Step 5–6: Subtractio	Reception (EYFS DM 2021): Explore number bonds to 10 using manipulatives and ten frames. Year 1 NC: Represent and use subtraction facts within 20; subtract crossing 10.	• Reception: Use 10-frames with counters to show all pairs making 10. • Year 1: Solve subtractio n problems	• Tens frames, counters, number lines. • [White Rose EYFS Bonds to 10](https://whiteroseeducation.com/resources/early-years) • [White Rose Y1 Subtraction Crossing 10](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/addition-subtraction)	Reception: Show me two numbers that make 10. Year 1: What is 13-7? Show on a number line.	Reception: Recall number bonds to 10 with visual support. Year 1: Subtract crossing 10 confidently with support.	• Reception: Show 10 using 3 different pairs. • Year 1: Prove 14-9=5 using cubes and number lines.

n within 20 – Crossing 10		using number lines and tens frames when crossing 10. • Mixed: Partner game – one child makes 10, the other finds subtractio n fact.				
Week 7 – Reception Spring Block 3 Step 1–2: Exploring 3D shapes; Matching 2D to 3D	Reception (EYFS DM 2021): Explore 3D shapes (cube, cuboid, sphere, cone) and match to 2D faces. Year 1 NC: Count to 50	• Reception : Shape hunt in environm ent for 3D objects; sort 3D shapes into	• 3D shape sets, building blocks, dienes, number squares. • [TopMarks Counting in 10s Game](https://www.topmarks.co.uk/learning-to-count/teddy-numbers) • [White Rose Y1 Place Value to 50](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/place-value-within-50)	Reception : Can you find a cube in the classroom ? Which 2D shapes can you see on it?	Reception: Recognise and match 3D shapes with 2D faces. Year 1: Count confidently to 50 and in multiples of 10.	• Reception: Build a model using at least 3 different 3D shapes. • Year 1: Explain why 40 is

shapes Year 1 Spring Block 3 Step 1–2: Place Value to 50 – Numbers to 50; Counting in 10s	forwards and backwards; count in multiples of 10.	groups. • Year 1: Use number squares to practise counting in tens; represent 2-digit numbers with dienes. • Mixed: Build towers with 3D shapes and link to counting in tens.		Year 1: Count in 10s to 50. Represent 34 using dienes.		greater than 34 using dienes.
Week 8 – Reception Spring Block 3 Step 3–4: Building	Reception (EYFS DM 2021): Explore numbers beyond 10 using objects	• Reception: Use cubes and number tracks to	• Number tracks, tens frames, dienes, cubes. • [White Rose EYFS Beyond 10](https://whiteroseeducation.com/resources/early-years) • [TopMarks Place Value	Reception: Show me 12 on the number track. How	Reception: Confident building and representing 11–15. Year 1: Secure	• Reception: Show 13 in two different ways.

numbers beyond 10 (11–15) Year 1 Spring Block 3 Step 3–4: Place Value to 50 – Tens and ones; Partitioning numbers	and number tracks. Year 1 NC: Recognise place value of numbers to 50; partition numbers into tens and ones.	build 11–15; represent with tens frames. • Year 1: Partition numbers into tens and ones using dienes and place value charts. • Mixed: Partner challenge – one builds, one partitions.	Chart](https://www.topmarks.co.uk/place-value/place-value-charts)	many more than 10? Year 1: Partition 42 into tens and ones.	partitioning numbers to 50.	• Year 1: Prove that 25 has two tens and five ones using dienes.
Week 9 – Reception Spring Block 3 Step 5–6:	Reception (EYFS DM 2021): Continue counting	• Reception: Count objects and steps	• Number lines, counters, cubes. • [TopMarks Place Value Games](https://www.topmarks.co.uk/maths-	Reception: Can you count to 15? What comes	Reception: Confident counting and recognising teen number	• Reception: Predict what number

Counting patterns beyond 10 Year 1 Spring Block 3 Step 5–6: Place Value to 50 – Estimate and compare numbers to 50	beyond 10; recognise patterns in teen numbers. Year 1 NC: Compare and order numbers to 50; use estimation strategies.	beyond 10; notice repeating 'teen' patterns. • Year 1: Compare numbers using <, >, =; estimate objects and check by counting. • Mixed: Group task – estimate quantities then count to check.	games/5-7-years/place-value) • White Rose Reception & Y1 resources.	after 12? Year 1: Which is greater, 37 or 42? Estimate how many cubes are in the pot.	patterns. Year 1: Secure comparing and estimating within 50.	comes after 19 and why. • Year 1: Prove that 46 < 50 using dienes and number line.
Week 10 – Reception Spring	Reception (EYFS DM 2021): Compare	• Reception: Use cubes to	• Cubes, number cards, rulers. • [White Rose EYFS Comparing Numbers](https://whiteroseeducation.com/resources/early-years)	Reception: Which tower has more	Reception: Confidently compare numbers to 10.	• Reception: Order 3 groups from

Block 4 Step 1–2: Comparing numbers within 10 Year 1 Spring Block 4 Step 1–2: Measurement – Length and height; Compare and measure	numbers to 10 using more than, fewer than, equal to. Year 1 NC: Measure and begin to record lengths and heights; compare using standard units.	compare two towers; use language of more/fewer. • Year 1: Measure objects with rulers; compare lengths using cm. • Mixed: Outdoor investigation – measure sticks and compare.	• [White Rose Y1 Length & Height](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/length-height)	cubes? Which has fewer? Year 1: Measure the pencil in cm. Which is longer, the pen or the pencil?	Year 1: Confidently compare and measure lengths/heights in cm.	smallest to largest. • Year 1: Explain why 10cm is shorter than 20cm.
Week 11 – Reception Spring	Reception (EYFS DM 2021): Explore all ways to	• Reception: Use cubes,	• Cubes, counters, rulers, 10-frames. • [NRICH Early Number	Reception: Show me all the ways to	Reception: Recognise and build different compositions	• Reception: Show 10 as 7+3, 6+4,

Block 4 Step 3–4: Exploring composition of numbers to 10 Year 1 Spring Block 4 Step 3–4: Measurement – Length and height; Solve problems	make numbers to 10 using manipulatives. Year 1 NC: Solve practical problems for length and height, including addition/subtraction.	fingers, and 10-frames to explore composition of numbers. • Year 1: Word problems involving comparing lengths (e.g., how much longer?). • Mixed: Build towers of different heights; record and compare.	Bonds](https://nrich.maths.org/primary) • White Rose Y1 length problem-solving tasks.	make 6 using counters. Year 1: Ben's ribbon is 12cm, Mia's is 9cm. How much longer is Ben's?	to 10. Year 1: Solve length/height problems using addition/subtraction.	5+5. • Year 1: Prove that comparing lengths is like comparing numbers.
Week 12 – Reception	Reception (EYFS DM 2021): Begin to	• Reception: Use	• Counters, scales, measuring jugs. • [TopMarks Odd and Even](https://www.topmarks.co.uk/learning-to-	Reception: Show me a double	Reception: Begin recognising	• Reception: Show

Spring Block 4 Step 5–6: Numerical patterns – Odds, evens, doubles Year 1 Spring Block 5 Step 1–2: Measurement – Weight and volume; Compare and measure	notice odds/evens and doubles; continue simple patterns. Year 1 NC: Measure and compare mass and volume using standard units.	counters to explore doubles to 5; sort even and odd sets. • Year 1: Weigh classroom objects using scales; measure liquid in ml. • Mixed: Cooking activity measuring flour/water.	count/coconut-odd-or-even) • [White Rose Y1 Mass & Volume](https://whiteroseeducation.com/resources/primary/primary-maths/year-1/mass-capacity)	with counters. Which set is odd/even? Year 1: Weigh the apple. How many grams? Which container holds more water?	doubles and odds/evens. Year 1: Confident comparing mass and volume using units.	doubles to 10 with cubes. • Year 1: Prove that 1 litre = 1000ml with jugs.
Week 13 – Reception Spring Review: Numbers	Reception (EYFS DM 2021): Consolidate number, shape, and pattern	• Reception: Play-based recap of number	• White Rose end-of-block assessments. • [NRICH Problem Solving](https://nrich.maths.org/primary)	Reception: Practical subitising and number bonds	Reception: Secure early number and shape awareness. Year 1: Secure	• Reception: Create own repeating pattern with

to 10, Composition, Patterns, Shape Year 1 Spring Review: Place Value to 50, Addition & Subtraction to 20, Measurement	understanding. Year 1 NC: Consolidate number, addition/subtraction, and measurement understanding.	bonds, doubles, shape. • Year 1: Mixed fluency, reasoning, and problem-solving tasks. • Mixed: Maths investigation carousel.		check. Year 1: Problem-solving questions mixing Spring objectives.	understanding of Spring objectives.	numbers and shapes. • Year 1: Write your own problem linking number and measurement.
Week 14 – Reception Spring Assessment & Investigation Week Year 1 Spring	Reception (EYFS DM 2021): Assessment of number, shape, and pattern skills. Year 1 NC: Assess Spring objectives in	• Reception: Observation-based assessment with play-based tasks.	• White Rose assessments. • [NRICH Open Investigations](https://nrich.maths.org/primary)	Reception: Teacher-led observation and questioning. Year 1: White Rose	Reception: Summative assessment of Spring EYFS maths skills. Year 1: Summative assessment of Spring NC	• Reception: Record numbers/shapes in their own way. • Year 1: Extended reasoning

Assessment & Investigation Week	place value, addition/subtraction, measurement.	• Year 1: White Rose assessments plus investigations. • Mixed: Outdoor maths challenge.		assessments and investigations.	maths objectives.	task combining Spring topics.