



Emmbrook Infant School EYFS and KS1 Mathematicss Key Skills and Knowledge Progression

FS2	Autumn	Spring Including Maths Core Review	Summer
	Week/Unit	Week/Unit	Week/Unit
	1. Baseline Number	1. Subatising to 5, counting objects	1. Doubling
	2. Baseline Numerical Patterns	2. Adding two group to find a total	2. Halving
	3. Counting objects / 2D shapes	3. Adding two group to find a total	3. Number bond to 10
	4. Number Recognition / Subatising to 3	4.Number bond to 5	4. Number bond to 10
	5. Number recognition /Number ordering	5.Repeating patterns AABBAABB One less than (concrete)	5. Adding / more than (Abstract)
	6. Number ordering / Comparing sets	6. Sharing and Halving	6. Adding / more than (Abstract)
	7. Comparing sets / One more than (Concrete)	7. Doubling	7. Subtraction / less than (Abstract)
	8. One more than (Concrete)	8. Subtraction / one less than a given number	8. Subtraction / less than (Abstract)
	9. Size ordering / measuring	9. Comparing/measuring / Number bond to 10	9. Odds and Evens/ composition of number to at least 10
	10. Repeating patterns ABAB / Size Ordering	10. Number bonds to 10	10. Composition of number to at least 10
Through out the terms: Writing Numerals, verbally counting, odds and evens, composition of numbers to at least 10 – threading through play			
Core values	Independence Resilience Teamwork Curiosity Patience Confidence	Independence Resilience Teamwork Curiosity Patience Confidence	Independence Resilience Teamwork Curiosity Patience Confidence
Year 1	Autumn	Spring Including Maths Core Review	Summer
	Week/Unit	Week/Unit	Week/Unit
	1. Assessment	1. Repeated addition- practically, introduction to lots of and groups of and multiplication sign	1.Shape- 2D shapes, names and properties
	2.Number and place value- number formation, practical counting number of objects, completing missing numbers	2.Repeated addition- everyday arrays and creating our own arrays to show repeated addition	2.Shape- 3D shapes, names and properties



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	3. Number and place value- number formation, practical counting number of objects, completing missing numbers	3.Division- sharing practically, solving problems, introduction of division sign, inverse of multiplication	3. Money- coin recognition, simple addition and subtraction, solving written problems
	4.Numicon intro- recognition of and matching numicon to the numbers	4.Fractions- $\frac{1}{2}$ s of shapes	4. Addition- problems and investigations
	5.Numicon bonds with Numicon	5.Fractions- $\frac{1}{2}$ s of numbers of objects	5. Subtraction- problems and investigations
	6.Number bonds with Numicon	6. Fraction-s $\frac{1}{4}$ s of shapes and numbers	6. Repeated addition- problems and investigations
	7.Number bonds- number bonds to 10 and then 20	7.Measure- length using non standard and standard measurements	7. Division- problems and investigations
	8.Numberlines- introduction to counting forwards and backwards on the number line. Finding a specific number	8.measure- weight, heavier and lighter, balance scales, non standard weight measurements	8. Fractions $\frac{1}{2}$ $\frac{1}{4}$ $\frac{2}{4}$ of shapes and objects extending to $\frac{3}{4}$ if able
	9.Addition- using numicon, cubes and numberlines Recording a number sentence and using + and =	9.Measure- capacity, full, empty, half full, nearly full, nearly empty Time- o'clock and half past- reading an analogue clock	9. Measure – length, weight, capacity, time, directions problems and investigations
	10.Subtraction- using numicon, cubes and numberlines Recording a number sentence and using - and =	10.Measure- time – o'clock and half past- recording on a clock face	10. Investigations and problem solving
	11. Addition and Subtraction problems- using equipment to help solve written problems	11. Position and direction (bee bots) forwards, backwards, left, right	11. Investigations and problem solving
Core Values	Independence Resilience Teamwork Curiosity Patience Confidence	Independence Resilience Teamwork Curiosity Patience Confidence	Independence Resilience Teamwork Curiosity Patience Confidence
Year 2	Autumn	Spring Including Maths Core Review	Summer
	Week/Unit	Week/Unit	Week/Unit
	1. Number and place value	1. Number and place value (using measurement)	1. Number and place value



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	2.Number and place value	2. Number and place value	2. Calculations (x4 functions)
	3. Calculations (addition and subtraction)	3. Calculations (addition and subtraction)	3. SATS
	4. Calculations (addition and subtraction) measurement – money	4. Calculations (multiplication and division)	4. SATS
	5. Geometry – properties of 2D shape	5. Geometry – position and direction 2D shape review Measurement (mass)	5. Measurement (Capacity, mass, length, time)
	6. Calculations (Multiplication)	6. Calculations (multiplication and division)	6. Measurement (Capacity, mass, length, time)
	7. Calculations (division)	7. Fractions	7. Geometry – position and direction with 2D and 3D shape
	8. Fractions	8. Assessment week	8. Calculations (addition and subtraction)
	9. Assessment week	9. Measurement – capacity and temperature (scales)	9. Calculations (multiplication and division)
	10. Measurement - time and measuring length	10. Geometry – 3D shape / statistics	10. Fractions
	11. Measurement- capacity and time	11. Calculations (addition and subtraction)	11. Statistics / geometry
	12. Statistics- 3D shape	12. Measurement (time and mass)	12. Statistics / geometry
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