	NC OBJECTIVES	SEQUENCE OF LEARNING	KNOWLEDGE ORGANISER – facts and vocabulary
YEAR 1 AUTUMN TERM	**5 weeks - Number: Place Value (0-10)** ● count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number ● count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens ● given a number, identify one more and one less ● identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least ● read and write numbers from 1 to 20 in numerals and words.	1. Sort, count and represent objects 2. Count forwards and backwards 0-10 3. Write numerals 0-10 4. Count one more 5. Count one less 6. 1:1 correspondence to groups 7. Compare groups (more than, fewer than, equal to) and introduce > and < 8. Compare numbers 9. Order numbers 10. The number line	Numbers to ten Back, backwards, compare, continue, digit, forwards, greater than (>), less than (<), number facts, numeral, number line, order, represents, sequence, zero,
	5 weeks - Number: Addition and Subtraction ● read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs ● represent and use number bonds and related subtraction facts within 20 ● add and subtract one-digit and two-digit numbers to 20, including zero ● solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.	1. Introduce part whole model 2. How to write number sentences using + and = 3. Fact families - addition facts (below 10) 4. Finding number bonds within 10 5. Finding number bonds to make 10 systematically 6. Adding numbers together 7. Adding more 8. Taking away - crossing out 9. Subtraction symbol 10. Counting back on a numberline 11. Finding the difference 12. Number fact families (to show inverse)	Addition facts for all numbers up to 10 Addition (+), answer, difference,, equals (=), explain,, method, minus, ones, partition, pattern, plus, problem, reasoning, solution, subtraction, sum, take away, total
	1 week - Shape ● recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].	1. Recognise and name 3D shapes 2. Sort 3D shapes 3. Recognise and name 2D shapes 4. Sort 2D shapes	cuboid, cube, circle, triangle, square, 2D, 3D, curves, points, flat, rectangle, oval, pyramid, faces, sphere, cylinder.
	2 weeks- Number: Place value (11-20) (see above)	1. Count forwards and backwards to 20 2. Tens and ones 3. Compare numbers up to 20	tens, ones, units, place value