## NC OBJECTIVES <br> 5-6 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.
5 weeks - Number: Addition and Subtraction (within 10)
- 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 $7=-9$.

SEQUENCE OF LEARNING

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
11. Introduce part whole model
12. How to write number sentences using + and $=$
13. Fact families - addition facts (below 10)
14. Finding number bonds within 10
15. Finding number bonds to make 10 systematically
16. Adding numbers together
17. Adding more
18. Taking away - crossing out
19. Subtraction symbol
20. Counting back on a numberline
21. Finding the difference
22. Number fact families (to show inverse)

KNOWLEDGE ORGANISER - facts and vocabulary

Numbers to ten
Back, backwards, compare, continue, digit, forwards, greater than (>), less than (<), number facts, numeral, number line, order, represents, sequence, zero,

1. Count forwards and backwards to 20
2. Tens and ones
3. Compare numbers up to 20
4. Recognise and name 3D shapes
5. Sort 3D shapes
6. Recognise and name 2 D shapes
7. Sort 2D shapes

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 - Number: Place value (11-20)
(see above)

## 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].

