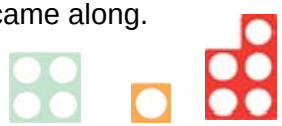
Key Stage 1 – Addition

Y1

Through practical activities in meaningful contexts and informal written methods.

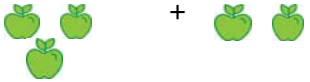
- Recall number bonds to 20 and within 20.
- Pictures and Marks – 1 more / 2 more.
  There are 3 cars in the garage. 1 more came along.

3 + 1 = 4



4 + 1 = 5

Terry has 3 apples and Tony has 2 apples. How many altogether?



- Number lines to 20.

- Derive related facts to 20.

□ = 5 + 4
5 + 4 = □

□ + 4 = 9

□ + □ = 9

- Money and addition up to 20p.

- Read, write and interpret mathematical statement involving addition (+) and equals (=).

Video clips:

Using a range of equipment and strategies to reinforce addition statements

National Curriculum requirements:

Add 1 digit and 2 digit numbers to 20, including 0.

Key Stage 1 – Subtraction

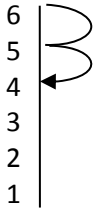
Y1

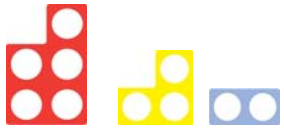
Through practical and meaningful contexts and informal written methods.

- We made 6 cakes. We ate 2 of them.

How many cakes are left?

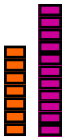
- Link to vertical number line 6 – 2 =





5 - 3 = 2

- Find the difference within 20.



- Represent and use number bonds within 20.
- Record using subtraction (–) and equals signs (=)
- Derive related facts up to 20.

5 - 2 = ☐	☐ = 5 - 2
5 - ☐ = 3	3 = ☐ - 2
☐ - 2 = 3	3 = 5 - ☐
☐ - ☐ = 3	3 = ☐ - ☐

- Counting back on a 100 square and a vertical number line.

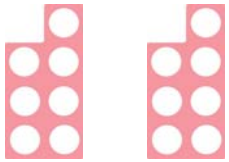
National Curriculum requirements:
Subtract 1 digit and 2 digit numbers up to 20, including 0.
Represent and use number bonds and related subtraction facts.

Key Stage 1 – Multiplication

Y1

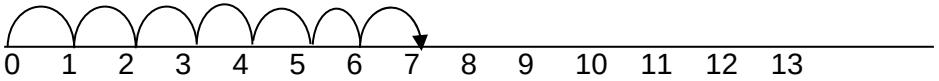
Through practical activities and meaningful contexts using concrete objects, pictorial representations and arrays with the support of the teacher.

- Doubles.



7 + 7 = 14

- Make connections between arrays, number patterns and counting in 2's, 5's to 50 and 10's to 100.
- Use of number lines.



- "100 Square" to count in 2's, 5's and 10's.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

- There are 2 sweets in one bag. How many sweets are there in 5 bags?

- Counting multiples of coins: 2p, 5p, 10p.

2p + 2p + 2p

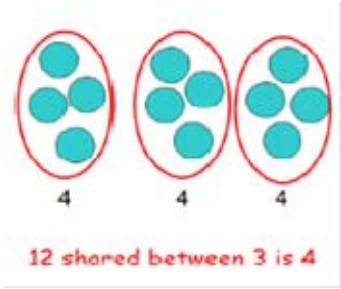
National Curriculum requirements:
Solve one step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

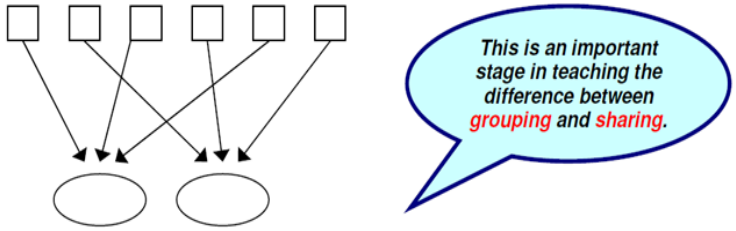
Key Stage 1 – Division

Y1

Through practical activities in meaningful contexts.

- Division as sharing.
  Emphasise the importance of sharing equally.
  Share a bag of 15 sweets between 5 children – one for you, one for you, one for you, one for you, one for me.





- Introduce halving even numbers up to 10.

Half of 4

National Curriculum requirements:
Solve one step problems involving division, by calculating the answer by using concrete objects, pictorial representations and arrays with the support of the teacher.