Year 3

- count in 4s, 8s, 50s, 100s and tenths from zero
- read, write, compare and order numbers to at least 1000
- know the place value of each digit in three-digit numbers
- find 10 or 100 more or less than a given number

- add and subtract ones, tens and hundreds to or from three-digit numbers mentally, two two-digit numbers where the answers could exceed 100
- add and subtract three-digit numbers using formal written columnar methods
- tables and division facts for x3, x4 and x8
- add and subtract fractions with the same denominator
- develop formal written multiplication and division methods for two-digit by one-digit numbers
- begin to understand unit and non-unit fractions as numbers on the number line, and deduce relations between them, such as size and equivalence

- measure the perimeter of simple shapes
- tell the time to the nearest minute using analogue clocks
- add and subtract amounts of money to give change, using both £ and p in practical contexts

- draw 2-D and make 3-D shapes
- recognise and describe 3-D shapes in different orientations
- recognise that angles are a property of shape or a description of a turn, using right angles as a marker
- horizontal and vertical lines and pairs of perpendicular and parallel lines

- understand and use simple scales (e.g. 2,5,10 units per cm) in pictograms and bar charts

- **solve number problems and practical problems involving these ideas**

To support your child at home, Year 3 fluency objectives have been broken down into terms.

Autumn

3 x 1 = 3
So: 1 x 3 = 3 3 ÷ 1 = 3 3 ÷ 3 = 1

3 x 4 = 12
So: 4 x 3 = 12 12 ÷ 4 = 3 12 ÷ 3 = 4

3 x 8 = 24
So: 8 x 3 = 24 24 ÷ 8 = 3 24 ÷ 3 = 8

3 x 3 = 9
So: 9 ÷ 3 = 3

3 x 6 = 18
So: 6 x 3 = 18 18 ÷ 6 = 3 18 ÷ 3 = 6

3 x 7 = 21
So: 7 x 3 = 21 21 ÷ 7 = 3 21 ÷ 3 = 7

Spring

4 x 1 = 4
So: 1 x 4 = 4 4 ÷ 1 = 4 4 ÷ 4 = 1

4 x 8 = 32
So: 8 x 4 = 32 32 ÷ 8 = 4 32 ÷ 4 = 8

4 x 9 = 36
So: 9 x 4 = 36 36 ÷ 9 = 4 36 ÷ 4 = 9

4 x 4 = 16
So: 16 ÷ 4 = 4

4 x 6 = 24
So: 6 x 4 = 24 24 ÷ 6 = 4 24 ÷ 4 = 6

4 x 7 = 28
So: 7 x 4 = 28 28 ÷ 7 = 4 28 ÷ 4 = 7

Summer

8 x 1 = 8
So: 1 x 8 = 8 8 ÷ 1 = 8 8 ÷ 8 = 1

8 x 9 = 72
So: 9 x 8 = 72 72 ÷ 9 = 8 72 ÷ 8 = 9

8 x 8 = 64
So: 64 ÷ 8 = 8

8 x 6 = 48
So: 6 x 8 = 48 48 ÷ 6 = 8 48 ÷ 8 = 6

8 x 7 = 56
So: 7 x 8 = 56 56 ÷ 7 = 8 56 ÷ 8 = 7

8 x 11 = 88
So: 11 x 8 = 88 88 ÷ 11 = 8 88 ÷ 8 = 11

Autumn

60 + 50 = 110
So: 50+60=110 110-60=50 110-50=60

70 + 20 = 90
So: 20+70=90 90-70=20 90-20=70

70 + 30 = 100
So: 30+70=100 100-70=30 100-30=70

Spring

80 + 50 = 130
So: 50+80=130 130-80=50 130-50=80

80 + 60 = 140
So: 60+80=140 140-80=60 140-60=80

80 + 70 = 150
So: 70+80=150 150-80=70 150-70=80

Summer

90 + 40 = 130
So: 40+90=130 130-90=40 130-40=90

90 + 50 = 140
So: 50+90=140 140-90=50 140-50=90

90 + 60 = 150
So: 60+90=150 150-90=60 150-60=90