

## Year 3 Maths Autumn

### Place Value

Represent and partition numbers to 100 and 1000  
 Find 1, 10 or 100 more or less                      Estimate on a number line to 1,000  
 Compare and order numbers to 1,000.                      Count in 50s

### Addition and Subtraction

Apply number bonds within 10                      Add and subtract 1s, 10s and 100s  
 Spot the pattern                      Add and subtract 1s across a 10 and 100.  
 Add two numbers (no exchange)                      Subtract two numbers (no exchange)  
 Add and subtract two numbers (across a 10 and 100)

### Addition and Subtraction

Add 2-digit and 3-digit numbers  
 Subtract a 2-digit number from a 3-digit number  
 Complements to 100

### Multiplication and Division Unit A

Multiplication - equal groups                      Use arrays  
 Multiples of 2                      Multiples of 5 and 10  
 Sharing and grouping                      Multiply and divide by 3, 4 and 8.

## Spring

### Multiplication and Division Unit B

Multiples of 10                      Link multiplication and division  
 Multiply a 2-digit number by a 1-digit number - no exchange, exchange.  
 Divide a 2-digit number by a 1-digit number  
 Divide a 2-digit number by a 1-digit number - with remainders  
 Scaling

### Length and Perimeter

Measure in metres and centimetres  
 Measure in centimetres and millimetres                      Metres, centimetres and millimetres  
 Equivalent lengths (metres and centimetres, centimetres and millimetres)  
 Compare, add and subtract lengths  
 What is perimeter?                      Measure and calculate perimeter.

### Fractions Unit A

Compare and order unit fractions  
 Fractions on a number line  
 Equivalent fractions on a number line

### Mass and Capacity

Using scales                      Measure mass in grams and kilograms  
 Equivalent masses (kilograms and grams)                      Compare, add and subtract mass  
 Measure capacity and volume in millilitres and litres  
 Compare, add and subtract capacity and volume

## Summer

### Fraction Unit B

Add and subtract fractions  
 Partition the whole  
 Unit fractions of a set of objects  
 Non-unit fractions of a set of objects  
 Reasoning with fractions of an amount

### Money

Pounds and pence.                      Convert pounds and pence  
 Add and subtract money                      Find change

### Time

Roman numerals to 12  
 Tell the time to 5 minutes and then to the minute

### Time

Read time on a digital clock                      Use a.m. and p.m.  
 Years, months and days                      Days and hours  
 Hours and minutes - use start and end times  
 Minutes and seconds                      Solve problems with time

### Shape

Turns and angles                      Right angles  
 Compare angles                      Measure and draw accurately  
 Parallel and perpendicular                      Recognise and describe 2-D shapes  
 Draw polygons                      Recognise, make and describe 3-D shapes

### Statistics

Interpret and draw pictograms                      Interpret and draw bar charts  
 Collect and represent data                      Two way Tables