Key Objectives for Year Three in Maths

Number
Number and Place Value
Count from 0 in multiples of 100
Find 10 or 100 more or less than a given number
Count from 0 in multiples of 4, 8 and 50
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
Solve number problems and practical problems with number and place value from the Year 3 curriculum
Calculation
Mentally add and subtract numbers including a three-digit number with ones, tens or hundreds
Calculate mentally using multiplication and division facts for the 3, 4 and 8 multiplication tables, including two-digit numbers times one-digit numbers
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
Fractions, decimals and percentages
Recognise, find and write fractions of a discrete set of objects, unit fractions with small denominators
Recognise, find and write fractions of a discrete set of objects, non-unit fractions with small denominators
Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
Recognise and show, using diagrams, equivalent fractions with small denominators
Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
Recognise and show, using diagrams, equivalent fractions with small denominators
Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
Measurement
Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
Add and subtract amounts of money to give change, recording £ and p separately
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
Geometry
Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn
Identify whether angles are greater than or less than a right angle
Statistics
Interpret bar charts, pictograms and tables
Present data in bar charts, pictograms and tables