High Ercall Primary School

Year 3 National Curriculum Programme of Study
Number and Place Value
I can compare and order numbers up to 1000.
I can count from 0 in multiples of 4, 8, 50 and 100.
I can find 10 or 100 more or less than a given number.
I can recognise the place value of each digit in a three-digit number.
I can read and write numbers to 1000 in numerals and in words.
I can identify, represent and estimate numbers in different contexts.
I can solve number problems and practical problems.
Addition and Subtraction.
I can add and subtract a 3 digit-numbers mentally by 1s, 10s and 100s.
I can add numbers up to three digits using formal written methods of columnar addition and subtraction.
I can subtract numbers up to three digits using formal written methods of columnar addition and subtraction.
I can estimate the answer to a calculation and use inverse operations.
I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
Multiplication and Division.
I can recall and use multiplication and division facts for the 3, 4 and 8 times tables.
I can write and calculate mathematical statements for multiplication and division using the multiplication tables.
I can write and calculate mathematical statements for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
I can solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Fractions
I can 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
I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
I can recognise and show, using diagrams, equivalent fractions with small denominators
I can add and subtract fractions with the same denominator within one whole.
I can compare and order unit fractions, and fractions with the same denominators
I can solve problems that involve all of the above
Measurement
I can measure the perimeter of simple 2-D shapes.
I can measure and compare, add and subtract length, mass and volume/capacity (l/ml).
I can add and subtract amounts of money to give change using £ and p.
I can tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
I know the number the number of seconds in a minute, days in each month and leap year.
I can compare durations of events
Geometry
I can draw 2-D shapes and make 3-D shapes using modelling materials.
I can recognise 3D shapes in different orientations.
I can recognise angles as a property of shape or a description of a turn
I can recognise that two right angles make a half-turn, 3 make 3/4 of a turn and 4 make a complete turn.
I identify whether angles are greater than or less than a right angle.
I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
Statistics
I can interpret and present data using bar charts, pictograms and tables.
I can solve two-step problems using presented data solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables.