Leyland St James' CE Primary School

Year 3 Maths: Vocabulary and Content

Vocabulary	Content
Number and Place Value *Vocabulary:* *Factor of, relationship, thousand, more, less, approximate.*	Count in multiples of 4, 8, 50, 100; find 10 and 100 more or less than a given number. Recognise the place value of each digit in a three – digit numbers, hundreds, tens and ones. Compare and order numbers up to 100. Read and write numbers up to 1000 in numerals and words. Solve number problems and practical problems involving these ideas

Addition and Subtraction
 	
Vocabulary:
Hundreds boundary.
	Add and subtract numbers mentally including:
	  - A three-digit number and ones
	  - A three-digit number and tens
	  - A three-digit number and hundreds.
	Add and subtract number with up to three digits, using formal written methods of columnar addition and subtraction.
	Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction.

Multiplication and Division *Vocabulary:* *Product, remainder.*	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 times one-digit numbers, using mental and progressing to formal written methods. Multiply two-digit and three digit numbers by a one digit number using formal written layout. Solve problems, including missing problems, including multiplication and division, including positive integer scaling problems and correspondence problems which n objects are connected to m objects.
Fractions *Vocabulary:* *Tenths, denominator, numerator & compare.*	Count up and down in tenths; recognising that tenths arise from dividing n object into 10 equal parts and in dividing one-digit numbers or quantities by 10. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions, and fractions with the same denominator. Solve problems that involve all of the above.
Measurement *Vocabulary:* *Metres, centimetres, approximately, distance, apart, between, to, from, grams, kilograms, scale, millilitres, litres, capacity, volume, change, pounds, pence, AM, PM, earliest, latest, calendar & century.*	Measure, compare, add and subtracts lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2D shapes. Add and subtract amounts of money to give change, using both £ and p in practical contexts. Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clock. 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, a.m/p.m, morning, afternoon, noon and midnight. Know the number of seconds in a minute and the number of days in each month year and leap year.
Geometry *Vocabulary:* *Right angle, angle, acute, obtuse, parallel, perpendicular, horizontal, vertical, diagonal, pentagonal, hexagonal, octagonal, quadrilateral, perimeter.*	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them. Recognise angles as a property of shape and description of a turn. 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 *Vocabulary:* *Chart, bar chart, Carroll diagram, Venn diagram, axis, diagram.*	Interpret and present data using bar charts, pictograms and tables. Solve one-step and two-step problems using information presented in scaled bar charts and pictograms and tables.