Leyland St James' CE Primary School

Year 2 Maths: Vocabulary and Content

Vocabulary	Content
Number and Place Value ***Vocabulary:*** *Greater than, less than, place value, represents, greater then, less than, hundred.*	To count in steps of 2, 3 and 5 from 0, and in tens from any number forwards and backwards. Identify, represent and estimate numbers using different representations, including the number line. Compare and order number from 0 up to 100; use <, > and = signs. Read and write numbers to at least 100 in numerals and words. Recognise the place value or each digit in a two-digit number (tens, ones) Use place value and number facts to solve problems.
Addition and Subtraction ***Vocabulary:*** *Facts, calculation*	Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving number, quantities and measures. Apply their increasing knowledge of mental and written methods. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. Add and subtract numbers using concrete objects, pictorial representations, and mentally including: - A two-digit number and ones - A two-digit number and tens - Two two-digit numbers - Adding three-one-digit numbers Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
Multiplication and Division ***Vocabulary:*** *Groups, times, repeated addition, multiplication table, row, column, multiplication fact, divide, divided by, share, share equally, left, left over & division fact.*	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context. Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division with the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs. Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
Fractions ***Vocabulary:*** *Equivalent, numerator, denominator, halves, quarters & equal parts.*	Recognise, find, name and write fractions of length, shape, set of objects or quantity. Write simple fractions, and recognise the equivalence.
Measurement ***Vocabulary:***	Compare, describe and solve practical problems for: lengths and heights, mass and weight, capacity and volume and time and record the results using >, < and =. Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg, g); temperature (°C); capacity (l, ml) to the nearest appropriate unit, using rules, scales, thermometers and measuring vessels.

Coin, note, pound, pence, bought, sold, change, temperature, degrees, Celsius, tape measure, millimetre, centimetre, measure, measuring scale, gram, kilogram, millilitre, litre & contains.	Recognise and know the value of different denominations for coins and notes, use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. Tell the time to the hour, half past the hour, five minutes and quarter past/ to and draw the hands on a clock face to show these. Compare and sequence intervals of time. Know the number of minutes in an hour and the number of hours in a day.
Geometry ***Vocabulary:*** *Surface, line symmetry, rectangular, circular, triangular, pentagon, hexagon, octagon.*	Identify and describe the properties of 2D shapes, including the number of sides and line symmetrical in a vertical line. Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes. Compare and sort common 2D and 3D shapes and everyday objects.
Position and Direction ***Vocabulary:*** *Clockwise & anticlockwise.*	Use Mathematical vocabulary to describe position, direction and movement, including in a straight line and distinguishing between rotations as a turn and in terms of right angles for a quarter, half and three –quarter turns (clockwise and anti-clockwise) and including whole, half, quarter and three-quarter turns. Order and arrange combinations of mathematical objects in patterns and sequences.
Statistics ***Vocabulary:*** *vote, table, tally, pictogram, represent, most popular, least popular & common.*	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. Ask and answer simple questions by counting the numbers of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and compare categorical data