Maths Key Skills – Year 3

Term 1 / Term 2 / Term 3 / Term 4 / Term 5 / Term 6

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| Number and Place Value | • Count from 0 in multiples 4.8.50 & 100<br>• Find 10 more/less than a given number<br>• Recognise the place value of each digit in a 3 digit number<br>• Compare & order numbers up to 1000<br>• Identify, represent & estimate numbers using different representations<br>• Read/wrote numbers up to 1000 in numerals & words<br>Solve number problems & practical problems involving these ideas. |
| Addition and Subtraction | • Add and subtract numbers mentally, including:<br>- a three-digit number and ones<br>- a three-digit number and tens<br>- a three-digit number and hundreds<br>• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction<br>• Estimate the answer to a calculation and use inverse operations to check answers<br>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. |
| Multiplication and Division | • Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables<br>• 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<br>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 | • 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<br>• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators<br>• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators<br>• Recognise and show, using diagrams, equivalent fractions with small denominators<br>• Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]<br>• Compare and order unit fractions, and fractions with the same denominators<br>Solve problems that involve all of the above. |
| Statistics | Statistics<br>• Interpret & present data using bar charts, pictograms & tables<br>• Solve one/ two step questions using information presented in scaled bar charts, pictograms & tables |
| Shape | |
| Measuring | ▪ Know the relationships between kilometres and metres, metres and centimetres, kilograms and grams, litres and millilitres; choose and use appropriate units to estimate, measure and record measurements<br>▪ Read, to the nearest division and half-division, scales that are numbered or partially numbered; use the information to measure and draw to a suitable degree of accuracy<br>▪ Read the time on a 12-hour digital clock and to the nearest 5 minutes on an analogue clock; calculate time intervals and find start or end times for a given time interval<br><br><u>Measurement</u><br>• Measure, compare, +/- lengths, mass, volume/capacity<br>• Measure perimeter of simple 2D shapes<br>• +/- amounts of money to give change using £ & p practically<br>• Tell & write the time from an analogue clock inc using Roman numerals & 12/24 hour clocks<br>• Estimate & read time with increasing accuracy to nearest minute<br>• Record & compare time in terms of seconds, minutes, hours & o'clock<br>• Know number of seconds in a minute, number of days in each month, year & leap year<br>• Compare duration of events |
| Position and Direction | |
| Algebra | |
| Ratio and Proportion | |