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| **Maths Year 3 Framework** RM logo final | | |
| **Autumn** | **Spring** | **Summer** |
| **Number: Place Value**  I can find 1, 10 or 100 more or less than a given number.  I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones).  I can compare and order numbers up to 1000.  **Number: Addition and Subtraction**  I can add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds.  I can add and subtract with up to three digits, using formal written methods of column addition and subtraction crossing 10 and 100 (exchanging).  I can estimate the answer to a calculation and use the inverse operation to check answers.  **Number: Multiplication and Division**  I can count from 0 in multiples of 50 and 100.  I can recall and use multiplication and division facts for the 3 times table.  I can write and calculate mathematical statements for multiplication and division using the multiplication tables I know. (10s,2s,5s,3s). | **Number: Multiplication and Division**  I can count from 0 in multiples of 50 and 100 to 1000.  I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.  I can write and calculate mathematical statements for multiplication and division using the multiplication tables I know (including for two-digit times one-digit numbers).  I can write and calculate mathematical statements for multiplication and division using the multiplication tables I know (including for two-digit times one-digit numbers) with exchange.  **Number: Fractions**  I can count up and down in tenths and can recognise that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by ten.  I can recognise and use fractions and numbers (unit fractions and non-unit fractions).  I can recognise, find and write fractions of a discrete set of objects (unit and non-unit fractions).  **Statistics**  I can interpret and present data using: bar charts, pictograms and tables.  I can solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.  I can find the difference between two numbers plotted on a bar chart, pictogram or table. e.g. How many more children chose…. than …. | **Number: Fractions**  I can recognise and show equivalent fractions with small denominators (using diagrams).  I can compare and order unit fractions and fractions with the same denominator.  I can add and subtract fractions with the same denominator within one whole (5/7 + 1/7 = 6/7).  **Geometry: Properties of Shapes**  I can recognise angles as a property of shape OR a description of a turn (e.g. two right angles = a half turn).  I can identify right angles and angles that are greater or less than a right angle.  I can identify horizontal, vertical, parallel and perpendicular lines.  I can draw 2D shapes and construct 3D shapes.  I can recognise 3D shapes in different orientations and describe them. |
|  | **Measurement: Money**  I can convert pounds and pence.  I can add and subtract amounts of money to give change, using both £ and p, in practical contexts.  **Measurement: Length and Perimeter**  I can find the equivalent length in m, cm and mm.  I can measure and compare length (m/cm/mm).  I can add and subtract length.  I can measure the perimeter of simple 2D shapes. | **Measurement: Time**  I can estimate and read time with increasing accuracy to 5 minute intervals.  I can tell and write time from an analogue clock using the 12-hour and 24-hour clock.  I can record and compare time in terms of seconds, minutes and hours.  I know the number of seconds in a minute, number of days in each month, year, leap year.  I can compare the duration of events.  **Measurement: Mass**  I can find the equivalent mass in kg/g.  I can measure and compare mass (kg/g).  I can add and subtract mass.  **Measurement: Capacity**  I can find the equivalent volume/capacity in ml/l.  I can measure and compare volume/capacity (ml/l).  I can add and subtract volume and capacity. |