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| **Class 3** | **Teachers: Ana Barone, Frances, Lina and Thamara** | **Term: 1** |
| W/C:  | Main Topic Area For Maths |  Programme of study focus: | Key Objectives |
| 05/02/18 | A1 - Number - Place Value | Estimation, more or less than a given number, ordering numbers | * read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.
* count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000.
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| 19/02/18 | * read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
* round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.
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| 26/02/18 | B1 - Number - Addition and Subtraction | Mental/written addition and subtraction | * add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
* add and subtract numbers mentally with increasingly large numbers.
* use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
* solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
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| 05/03/18 |
| 12/03/18 | C1 - Number - Multiplication and Division | Multiplication and Subtraction | * identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
* multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
* multiply and divide numbers mentally drawing upon known facts.
* divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.
* multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
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| 19/03/18 |
| 02/04/18 | F1 Geometry - Properties of Shape | 2D and 3D Shapes | * identify 3-D shapes, including cubes and other cuboids, from 2-D representations
* know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
* draw given angles, and measure them in degrees (o )
* identify: angles at a point and one whole turn (total 360o ) angles at a point on a straight line and 1/2 a turn (total 180o ) other multiples of 90o
* use the properties of rectangles to deduce related facts and find missing lengths and angles
* distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
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| 09/04/18 | F1 - Geometry | Angles and Lines |
| 16/04/18 | D1 - Fractions | Counting in tenths Identifying fractions | * compare and order fractions whose denominators are all multiples of the same number.
* identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
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| 23/04/18 | D1 -Fractions inc decimals | Decimals | * read and write decimal numbers as fractions [for example, 0.71 = 71/100 ]
* recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
* round decimals with two decimal places to the nearest whole number and to one decimal place.
* read, write, order and compare numbers with up to three decimal places.
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| 02/05/1807/05/18 | E1 - Measurement | Length | * convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
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| 14/05/18 | Area and Perimeter | * measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
* calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2 ) and square metres (m2 ) and estimate the area of irregular shapes
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| 21/05/18 | Application | * use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.
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| 28/05/18 | G1 - Statistics | Graphs | * solve comparison, sum and difference problems using information presented in a line graph
* complete, read and interpret information in tables
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| 04/06/18 | Assessment | Revision/ Assessment Week |  |
| 11/06/18 |  | Consolidation of learning |  |
| 18/06/18 |  | Consolidation of learning |  |
| 25/06/18 |  | Consolidation of learning |  |