**Maths Medium Term Planning**

**Year Six**

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| **WR Block: Measurement: Converting Units** | | **Summer Term** | |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. * Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places. * Convert between miles and kilometres. | * Metric measures * Convert metric measures * Calculate with metric measures * Miles and kilometres * Imperial measures | **Y5**   * Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre). * Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. * Solve problems involving converting between units of time. * Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. | **KS3**   * Change freely between related standard units [for example time, length, area, volume/capacity, mass]. * Use scale factors, scale diagrams and maps. |
| **Key Vocabulary**  **New Vocabulary:**  centilitre  cubic centimetres(cm3), cubic metres (m3),cubic millimetres (mm3), cubic kilometres(km3)  circumference | **Key Vocabulary:**  **Previous Year Group:**  imperial unit  Pint  Gallon  yard, foot, feet, inch, inches  Tonne,pound,ounce  square metre (m2),  square millimetre (mm2) | **Stem Sentences**  The best unit to measure the ... of a ... would be ... because ...  There are ... grams in one kilogram so there are .... grams in ... kilograms.  To convert from ... to ..., multiply/ divide by ...  ... miles are approximately equal to 8 kilometres.  As one inch is approximately equal to ... cm, ... inches are approximately equal to .... cm.  There are ... inches in one foot so there are ... inches in ... feet. | |
| **Concrete, Pictorial, Abstract Models/ Calculations** | | | |