**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, usingdecimal 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 andmillilitre).
* 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.
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| **Key Vocabulary****New Vocabulary:**centilitrecubic centimetres(cm3), cubic metres (m3),cubic millimetres (mm3), cubic kilometres(km3)circumference | **Key Vocabulary:****Previous Year Group:**imperial unitPintGallonyard, foot, feet, inch, inchesTonne,pound,ouncesquare 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**  |