**Maths Medium Term Planning**

**Year Four**

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| **WR Block: Measurement: Area** | | | | **Spring Term** | | |
| **National Curriculum Objectives** | | **Small Steps** | | **Prior Learning** | **Future Progression** | |
| * Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres. * Find the area of rectilinear shapes by counting squares. | | * What is area? * Counting squares * Making shapes * Comparing areas | | **Y3**   * Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). * Measure the perimeter of 2-D shapes. | **Y5**   * 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 and square metres and estimate the area of irregular shapes. | |
| **Key Vocabulary**  **New Vocabulary:**  unit, standard unit  metric unit, breadth  edge , area, covers  square centimetre (cm2), mass: big, bigger, small, smaller  weight: heavy/light, heavier/lighter, heaviest/lightest  measuring cylinder | **Key Vocabulary:**  **Previous Year Group:**  Division  Approximately  Millimetre,  kilometre, mile  distance apart ... between ... to ... from  perimeter  Centigrade | | **Stem Sentences**  The area of … is ….  Area is the amount of … taken up by a 2D shape or surface.  Area can be measured using …  There are … squares inside the shape. This means the area of the shape is … squares.  There are … rows. There are … squares in each row. There are … squares in total.  The area of shape A is …. The area of shape B is …  The more squares inside the shape, the … the area. | | |
| **Concrete, Pictorial, Abstract Models/ Calculations** | | | | | |