**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.
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| **Key Vocabulary****New Vocabulary:**unit, standard unitmetric unit, breadthedge , area, coverssquare centimetre (cm2), mass: big, bigger, small, smallerweight: heavy/light, heavier/lighter, heaviest/lightestmeasuring cylinder | **Key Vocabulary:****Previous Year Group:**DivisionApproximatelyMillimetre,kilometre, miledistance apart ... between ... to ... fromperimeterCentigrade | **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**  |