**Maths Medium Term Planning**

**Year Four**

|  |  |
| --- | --- |
| **WR Block: Geometry: Position and Direction** | **Summer Term** |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Describe positions on a 2-D grid as coordinates in the first quadrant.
* Describe movements between positions as translations of a given unit to the left/rightand up/down.
* Plot specified points and draw sides to complete a given polygon.
 | * Describe position using coordinates
* Plot coordinates
* Draw 2-D shapes on a grid
* Translate on a grid
* Describe translation on a grid
 | **Y3:*** Recognise angles as a property of shape or a description of a turn.
* Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greaterthan or less than a right angle.
 | **Y5:** * Identify, describe and represent the position of a shape following a reflection ortranslation, using the appropriate language, and know that the shape has not changed.
 |
| **Key Vocabulary****New Vocabulary:**north-east, north-west, south-east,south-west, NE, NW, SE, SWtranslate, translationrotate, rotation, degree, reflectionruler, set squareangle measurer, compass | **Key Vocabulary:****Previous Year Group:**compass pointnorth, south, east, west, N, S, E, Whorizontal, vertical, diagonalangle ... is a greater/smaller angle thanacute angleobtuse angle | **Stem Sentences**Look at the ... axis before the ... axis.The first value in a pair of coordinates is the ... value and the second value is the ....The coordinates of point A are ...The first/ second value in a pair of coordinates tells me how far along the ... axis the point is. Read the ... value before the ...value.When translating a point ..., the ... value stays the same. Point A translates ... squares to the left/ right and ... squares up/ down. The new coordinates of point A are ... |
| **Concrete, Pictorial, Abstract Models/ Calculations**  |