|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Unit G2**  **Area, perimeter and volume** | **Year 7 Road Map** | | | |
| In this unit you will learn about measures.  **S**: Support  **C**: Core  **E**: Extension |  | | | |
| **Differentiation** | **Learning Goals/Outcomes/Content** |  |  |  |
| S | Work out area and perimeter of 2Ds by counting squares c (G1.6, G2.1) |  |  |  |
| S | Calculate the area of irregular shapes by counting squares (G2.1, G3.1) |  |  |  |
| S C E | Identify properties of shapes of quadrilaterals and triangles (G3.4) |  |  |  |
| S C | Calculate area and perimeter of triangles using the base and the height (G4.2, G5.1) |  |  |  |
| S C E | Know how to calculate the area of parallelogram (G4.2, G5.1) |  |  |  |
| C E | Use formula to work out the area of trapezium (G4.2, |  |  |  |
| S C E | Calculate area of compound shapes made from rectangles, triangles, parallelograms and trapezia |  |  |  |
| C E | Calculate the area of area of circles (G5.1, G6.4) |  |  |  |
| C E | Work out the circumference of circles (G5.1, G6.4) |  |  |  |
| E | Know how to calculate the area and perimeter of circular objects (G5.1, G6.4). |  |  |  |
| S C E | Solve variety of problems involving perimeter, area and volume (G5.2, FS6.6) |  |  |  |