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| **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) |  |  |  |