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| **Unit G3**  **Construction and loci** | **Year 8 Road Map** | | | |
| In this unit you will learn about geometry.  **S**: Support  **C**: Core  **E**: Extension |  | | | |
| **Differentiation** | **Learning Goals/Outcomes/Content** |  |  |  |
| S | Draw and measure angles correctly (G1.1, G2.2, G3.2) |  |  |  |
| S | Draw triangles and quadrilaterals to scale using protractors and rulers (G2.5, G3.5, G4.4, G5.4) |  |  |  |
| S C | Make patterns using compasses, rulers and protractors (G3.5, G4.4, G5.4) |  |  |  |
| S C E | Construct perpendicular bisector of a line segment (G3.5, G5.4) |  |  |  |
| S C E | Construct perpendicular line from a point on the line (G5.4) |  |  |  |
| C E | Constructing shapes: isosceles, equilateral, right-angled and scalene triangles, rhombus, squares, etc (G4.4, G5.4, G6.3) using compasses. |  |  |  |
| E | Identify and apply the 4 loci |  |  |  |
| E | Construct and shade in a region described by a set of loci |  |  |  |
| S C E | Using ICT to explore construction and loci (G4.4) |  |  |  |
| S C E | Solve unstructured problems involving constructions |  |  |  |