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| **Unit G3**  **Construction and loci** | | **Year 8 Road Map** | | | | |
| In this unit you will learn about Sequences  **S**: Support  **C**: Core  **E**: Extension | | | | | | |
| **S/N** | **Differentiation** | **Learning Goals/Outcomes/Content** | **Mathswatch Clip** | **R** | **A** | **G** |
| 1 | S | Draw and measure angles correctly (G1.1, G2.2, G3.2) | G10  46b |  |  |  |
| 2 | S | Draw triangles and quadrilaterals to scale using protractors and rulers (G2.5, G3.5, G4.4, G5.4) | G15  47 |  |  |  |
| 3 | S C | Make patterns using compasses, rulers and protractors (G3.5, G4.4, G5.4) |  |  |  |  |
| 4 | S C E | Construct perpendicular bisector of a line segment (G3.5, G5.4) | G26a  145a |  |  |  |
| 5 | S C E | Construct perpendicular line from a point on the line (G5.4) | G66b  145b |  |  |  |
| 6 | C E | Constructing shapes: isosceles, equilateral, right-angled and scalene triangles, rhombus, squares, etc (G4.4, G5.4, G6.3) using compasses. | 145c  147 |  |  |  |
| 7 | E | Identify and apply the 4 loci | G27 |  |  |  |
| 8 | E | Construct and shade in a region described by a set of loci | 146 |  |  |  |
| 9 | S C E | Using ICT to explore construction and loci (G4.4) |  |  |  |  |
| 10 | S C E | Solve unstructured problems involving constructions | 146 |  |  |  |

Student’s comments or questions