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| **Unit G1****Angle properties** | **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 Identify parallel lines including those in 2Ds and 3Ds (G2.5, G3.4) | G18 |  |  |  |
| 2 | S | Draw and identify perpendicular lines, including those in 2Ds and 3Ds (G2.5, G3.4) | G18 |  |  |  |
| 3 | S | Calculate missing angles: on a straight line, angles at a point and angles in a quadrilateral (G3.2. G4.1) | G1345 |  |  |  |
| 4 | S C | Angle properties of isosceles and equilateral triangles  | 121G17 |  |  |  |
| 5 | C E | Identify and use angle properties of parallel lines: corresponding, alternate, vertically opposite and interior opposite angles (G4.1, G5.4) | G181120 |  |  |  |
| 6 | S C E | Differentiate between regular and irregular polygons and the names of polygons (G5.4) | G11 |  |  |  |
| 7 | C E | Work out sum of angles in irregular and regular polygons (G4.1, G5.4) and use it to work out missing angle | G1910 |  |  |  |
| 8 | C E | Form and solve equations in polygon and parallel lines | 123 |  |  |  |
| 9 | E | Know how to apply properties of a regular polygon to problem solving (G4.1, G5.4) |  |  |  |  |
| 10 | S C E | Solve a variety of Geometry problems involving sides and angles  | 122 |  |  |  |
| 11 | S | Draw and Identify parallel lines including those in 2Ds and 3Ds (G2.5, G3.4) | G18 |  |  |  |
| 12 | S | Draw and identify perpendicular lines, including those in 2Ds and 3Ds (G2.5, G3.4) | G18 |  |  |  |

Student’s comments or questions