| Unit G4<br><br>Transformation of shapes | Year 7 Road Map |
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In this unit you will learn about Sequences
**S**: Support
**C**: Core
**E**: Extension

| S/N | Differentiation | Learning Goals/Outcomes/Content | Dr Frost Video | R | A | G |
|---|---|---|---|---|---|---|
| 1 | S | Draw and interpret Lines of symmetry (G1.2, G2.3, G3.3) | 25<br>78 | | | |
| 2 | S C E | Know how to work out the order of a rotational symmetry (G3.3) | 280 | | | |
| 3 | S C E | Draw and work out the number of the planes of symmetry a given 3D has (G5.3) | 280c | | | |
| 4 | S C E | Draw plan and front and side elevations of a given 3D shape (G5.2, G6.4) | 228 | | | |
| 5 | C E | Know how to draw 3D from its plan, front and side elevations (G5.2, G6.4) | 228b | | | |
| 6 | S C E | Understand congruent shapes and use its key characteristic to identify congruent shapes (G4.1, G6.1) | 290a | | | |
| 7 | S C E | Understand similar shapes and use its key characteristics to work out missing sides of similar shapes (G6.1) | 129 | | | |
| 8 | S C E | Draw reflection given mirror line(s) and describe a drawn reflection (G3.3, G4.3) | 81<br>279 | | | |
| 9 | C E | Draw and interpret rotation (G3.3, G4.3, G5.3, G6.3) | 280<br>282 | | | |
| 10 | C E | Draw and interpret translation (G3.3, G4.3, G5.3) | 82<br>154 | | | |
| 11 | S C E | Enlarge shapes with only scale factors (without a specified centre). (G4.3, G5.3, G6.3) | 324<br>294 | | | |
| 12 | C E | Enlarge shapes given both an integer scale factor and the centre (G4.3, G5.3, G6.3) | 295 | | | |
| 13 | C E | Perform and interpret combined transformation of shapes (G4.3, G5.3, G6.3) | 378 | | | |
| 14 | S C E | Using ICT to explore transformation (G4.3) | | | | |
| 15 | S C E | Solve variety of unstructured problem involving transformation of shapes (G5.3) | 290c | | | |

Student's comments or questions