

Unit G4**Transformation of shapes****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	Dr Frost Video	R 	A 	G 
1	S	Know how to draw a 3D shape from its plan, front and side elevations	228			
2	S	Understand congruent shapes and use its key characteristic to identify congruent shapes	290a			
3	C E	Understand similar shapes and use its essential characteristics to work out missing sides of similar shapes	129			
4	S C E	Draw reflection given mirror line(s) and describe a drawn reflection	279			
5	S C E	Draw and interpret rotation	282			
6	S C E	Draw and interpret translation	374 375			
7	C E	Enlarge shapes with only scale factors (without a specified centre).	295a 295b			
8	E	Enlarge shapes given both an integer scale factor and the centre	295c 295d			
9	E	Enlarge shapes given the centre and fractional scale factors	297			
10	S C E	Perform and interpret the combined transformation of shapes	378			
11	S C E	Using ICT to explore the transformation				
12	S C E	Solve a variety of unstructured problem involving the transformation of shapes	379			

Student's comments or questions