

Unit A5 Graphs		Year 7 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	Plot and reading coordinates in all four quadrants (A2.2, A3.3)	83b, 83c			
2	S C	Identify the coordinates of midpoint of line segment (when it is drawn on a square grid)	265a			
3	S C E	Calculate the coordinates of the midpoints of a line segment when coordinates are given	265b			
4	S C E	Use properties of shapes to work out missing coordinates of a 2D shape (A6.2)	152a			
5	S C E	Interpret and draw conversion graphs (A3.4)	178a, 178b			
6	C E	Complete tables of values, Plot and drawing straight line graphs using table of values (A3.3/4, A4.3)	267a			
7	E	Calculate the gradient and y-intercept of straight-line graphs (A4.3, A5.5)	271a			
8	C E	Sketching linear graphs using the gradient and the y-intercept (A4.3, A5.3, A5.5, A6.2)	273a			
9	E	Work out equation of straight lines when either coordinates of two points are given or from a drawn graph (A4.3)	272i			
10	C E	Interpret real-life graphs (A4.3)	332a			
11	S C E	Using ICT to draw graphs (A3.3, A5.3, A6.4)				
12	S C E	Solve unstructured problems involving drawing graphs	31 114a 65 240			

Student's comments or questions