

Unit A5 Graphs		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	Plot and reading coordinates in all four quadrants	83 152			
2	S	Identify the coordinates of the midpoint of a line segment (when it is drawn on a square grid)	265a 505			
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	152g 152h			
5	S C E	Interpret and draw conversion graphs	177 178			
6	S C E	Complete tables of values, Plot and draw straight line graphs using a table of values	267			
7	C E	Calculate the gradient and y-intercept of straight-line graphs	268			
8	E	Sketching linear graphs using the gradient and the y-intercept	269 270			
9	E	Interpret real-life graphs	113 332d			
10	S C E	Using ICT to draw graphs	368			
11	E	Complete table of value for a quadratic function and use it to draw the quadratic graphs	366			
12	S C E	Solve unstructured problems involving drawing graphs	424			

Student's comments or questions