Maths   **Year 10 Foundation**   **Autumn 1**

Week	Unit	Learning Objective	Resources	Assessment
1	Unit 11: Ratio and proportion	PKC and 11.1: Prior knowledge check and writing ratios	Hegarty Maths	Weekly Progress Checks and December Assessment
		11.2: Writing ratios in their simplest form		
		11.2: Solving simple ratio problems		
2	Unit 11: Ratio and proportion	11.3: Ratios and measures		
		11.4: Divide a quantity into two parts in a given ratio		
		11.4: Divide a quantity into three parts in a given ratio		
3	Unit 11: Ratio and proportion	11.5: Comparing using ratios, including decimals		
		11.5: Problem solving with ratios		
		11.6: Proportion, unitary method		
4	Unit 11: Ratio and proportion	11.7: Recognise and use direct proportion on graph		
		11.7: Ratio and gradients		
		11.8: Direct and inverse proportion problems		
5	Unit 12: Right angled triangles	PKC: Prior knowledge check		
		12.1: Pythagoras' theorem 1		
		12.2: Pythagoras' theorem 2		
		12.3: Trigonometry- the sine ratio 1		
6	Unit 12: Right angled triangles	12.4: Trigonometry- the sine ratio 2		
		12.5: Trigonometry- the cosine ratio		
		12.6: Trigonometry- the tangent ratio		
		12.7: Finding lengths and angles using trigonometry		
7	Unit 13: Probability	PKC: Prior knowledge check		
		13.1: Calculating probability		
		13:2: Two events		
		13.3: Experimental probability		
8	Unit 13: Probability	13.4: Venn diagrams		

		13.5: Tree diagrams		