KS3 Learning Journey
Core – Year 9 Learning Cycle 3

Please watch the video on www.corbettmaths.com for each topic.

Topics	Video number
Angles and similarity Part 2	
Identify similar shapes.	291
Use similarity to find missing information.	292
Pythagoras and Trigonometry	
Calculate missing lengths in right angled triangles using the Pythagorean theorem.	257
Recognise Pythagorean triples and prove a triangle is right angled.	261
Use sin, cos and tan ratios to find missing sides and angles in right angled triangles.	329, 330, 331
Probability Part 1	
Describe probabilities on the probability scale.	251
Recognise mutually exclusive outcomes	
Use sample space diagrams.	246
Systematically list all the outcomes of an event.	253
Use the product rule for counting with independent and dependent events.	249
Calculate relative frequencies.	248
Work out expectation.	