

Year 8 Objective List – Higher

HT6

Probability:

Objective	Sparx Task	
Calculate probabilities of outcomes	M941, M938	
Find the probability of mutually exclusive outcomes and events	U683	
Use and draw venn diagrams to find the probability of events	M829, M419	
Calculate relative frequencies and use to estimate the probability of an event	M206	
Use estimated probability to calculate expected frequencies	M206	
Estimate probabilities using data from an experiment	M332	
List possible outcomes in a sample space diagram and venn diagram	M718	
Calculate probabilities of repeated events	M206	
Construct tree diagrams	M299	
Use tree diagrams to find probabilities of two or more events	M299	
Venn diagrams	M829	
Probability from Venn diagrams	M419	
Probability from two way tables		
Conditional probability from two way tables		

Angles:

Objective	Sparx Task	
Scale drawings and measure	M112	
Maps and scale	M112	
Measuring and drawing angles	M780	
Drawing circles using a radius and diameter	M196	
Constructing triangles	M565	
Construct a perpendicular bisector	M239	
Construct a perpendicular from a point to a line and a point on a line	M239	

Angle bisector	M232	
Loci	M253	
Find and describe regions using loci	M253	
Draw and measure bearings	M260	