



Longfield Learning Journey



Key Stage 4 HIGHER	Unit of work: The Probability of Combined Events	
---------------------------	---	--

Key Words:	Prerequisites Green core – Blue extend	R	A	G
Probability, likely, equally likely, fair, unfair, certain, definite, impossible, relative frequency, independent, mutually exclusive, combined, Venn diagram, set	Cancel fractions to their simplest form			
	Add and subtract fractions and decimals			
	Recognise types of numbers			

	Content: The Probability of Combined Events	R	A	G
P6	Enumerate sets and combinations of sets systematically, using, using tables, grids, Venn diagrams			
P7	Construct theoretical possibility spaces for single and combined experiments with equally likely outcomes.			
P7	Use possibility spaces to calculate theoretical probabilities.			
P8	Calculate the probability of independent and dependent combined events, including using tree diagrams and other representations, and know the underlying assumptions.			

K <i>What you know</i>	W <i>What you want to know</i>	L <i>What have you learned</i>