


Subject	Year	Month		
Mathematics	11	September		
Topic:				
Probability 1				3 lessons
Content (Intent)				
Prior Learning Year 9 Probability April	Future Learning Year 11 Probability 2 September			
Objectives				
<ul style="list-style-type: none"> • Distinguish between events which are impossible, unlikely, even chance, likely, and certain to occur; • Mark events and/or probabilities on a probability scale of 0 to 1; • Write probabilities in words or fractions, decimals and percentages; • Find the probability of an event happening using theoretical probability; • Use theoretical models to include outcomes using dice, spinners, coins; • List all outcomes for single events systematically; • Work out probabilities from frequency tables; • Work out probabilities from two-way tables; • Record outcomes of probability experiments in tables; • Add simple probabilities; • Identify different mutually exclusive outcomes and know that the sum of the probabilities of all outcomes is 1; • Using $1 - p$ as the probability of an event not occurring where p is the probability of the event occurring; • Find a missing probability from a list or table including algebraic terms. 				
Pedagogical notes (implementation)		How will understanding be assessed & recorded (Impact)		
Use this as an opportunity for practical work. Probabilities written in fraction form should be cancelled to their simplest form.		End of half term no End of Year Year 11 mocks in November		
		How can parents help at home?		
		MathsWatch clips Qualification KS3: P1, P5 Qualification KS4: 14, 58, 59, 60, 125		
Further reading/discussion				
Reading / Enrichment	Literacy	Numeracy Links	Careers Links Statistician Bookmaker Financial Analyst Underwriter Actuary	