Term	Unit Title	Unit description	Mathswatch Homeworks
	9 Probability	Calculate probabilities from two-way tables with more than two columns / rows each way	P4, P5, Clip 61
		Use the language of probability to compare the choice of *x/a* with *x/b* Use the language of probability to compare the choice of *x/a* with *y/b*	P2a, P2b, Clip 59
		Calculate the probability of a combination of events or single missing events of a set of mutually exclusive events using sum of outcomes is one	
		Calculate estimates of probability from experiments or survey results	P7, clip 125
		Use experimental probabilities to predict outcomes	
		Identify all mutually exclusive outcomes for two successive events Compare experimental and theoretical probabilities	P3, clip 60
		Enumerate sets and combinations of sets systematically, using tabular, grid and Venn diagrams	P6, clip 185
		Identify conditions for a fair game	
		Use P(A and B) = P(A) × P(B) for two independent events	Clip 204
		Complete and use tree diagrams to calculate probabilities	
	Half-term test		
	10 Comparing shapes	Use congruent shapes to help you solve problems about triangles and quadrilaterals, and explain all your reasoning	G31 Clip12b, Clip166
		Know whether two 2D shapes are similar, congruent or neither similar nor congruent	
Summe		Know that enlargements of 2D shapes produce similar shapes	R10 Clip 144, Clip200

e r T e r m		Use what you know about the sides and angles of two triangles to decide whether they are similar, congruent or neither similar nor congruent Know and use the criteria for congruence (SSS, SAS, ASA or RHS) Know that if two 2D shapes are similar, corresponding angles are equal and corresponding sides are in the same ratio Find points that divide a line in a given ratio, using the properties of similar triangles Know that the scale factor of an enlargement is the ratio of the lengths of any two corresponding line segments Use similarity to solve angle and side problems Use the sine, cosine and tangent ratios to find the lengths of unknown sides in a right-angled triangle, using straight-forward algebraic manipulation, e.g. calculate the adjacent (using cosine), or the opposite (using sine or tangent ratios) Use the sine, cosine and tangent ratios to find the lengths of unknown sides in a right-angled triangle, using more complex algebraic manipulation, e.g. the hypotenuse (using cosine or sine), or adjacent (using the tangent ratio)	G35a, G35b, clip 168
	Half-term test		
		End of year 2 Pre-GCSE papers	
	End of term test		
	End of year test		