

KS5 Maths

	Core knowledge and skills assessed	Checking Points
Aut1	P: Algebra & functions, S: Statistical Sampling S: Data presentation & interpretation, M: Quantities & units in mechanics, M: Kinematics 1 (constant acceleration)	1
Aut2	P: Co-ordinate geometry in the (x,y) plane, P: Further algebra, S: Data presentation & interpretation M: Kinematics 1 (constant acceleration)	1
Spr1	P: Trigonometry, P: Vectors (2D), S: Probability, S: Statistical distributions, M: Forces & Newton's laws	1
Spr2	P: Differentiation , P: Integration S: Statistical hypothesis testing 8: Forces & Newton's laws	3
Sum1	P: Exponentials & Logarithms S: Statistical hypothesis testing M: Kinematics 2 (variable acceleration)	1
Sum2	P: Proof P: Algebraic & partial fractions	1
	Core knowledge and skills assessed	Checking Points
Aut1	C3: 6. Trigonometry C3: 7. Further trigonometric identities & their applications C3: 8. Differentiation, C3: 2. Functions S2: 1. Binomial distribution, S2: 2. Poisson distribution S2: 3. Continuous random variables	1
Aut2	C3: 5. Transforming graphs & functions C3: 3. The exponential & log functions C3: 4 Numerical methods, C3: 1. Algebraic fractions S2: 4. Continuous uniform distribution S2: 5. Normal approximation	1
Spr1	C4: 5. Vectors, C4: 1. Partial fractions C4: 6. Integration, S2: 6. Populations & samples S2: 7. Hypothesis testing	1
Spr2	C4: 2. Co-ordiante geometry C4: 3. The binomial expansion C4: 4 Differentiation	3
Sum1	Revision	
Sum2	Revision	