

Date	Time (GMT)	Strand	Year 2 Curriculum
19 September 2020	12noon	Year 2 Pure	Functions (Domain, Range and Inverses)
26 September 2020	12noon	Year 2 Pure	Functions (Composite Functions and Multiple Transformations)
3 October 2020	12noon	Year 2 Pure	Sequences and Series
10 October 2020	12noon	Year 2 Pure	Partial Fractions and Polynomial Division
17 October 2020	12noon	Year 2 Pure	Rational Functions and Binomial Expansion
24 October 2020			Half Term
31 October 2020	12noon	Year 2 Pure	Radians, Arcs and Sectors
7 November 2020	12noon	Year 2 Pure	Compound and Double Angle Formulae
14 November 2020	12noon	Year 2 Pure	The Form $A\sin(x) + B\cos(x)$
21 November 2020	12noon	Year 2 Pure	Reciprocal Trig Functions ($\sec(x)$, $\operatorname{cosec}(x)$ and $\cot(x)$)
28 November 2020	12noon	Year 2 Pure	Chain Rule for Differentiation (inc. Exponentials, Natural Logarithms and Trig Functions)
5 December 2020	12noon	Year 2 Pure	Product and Quotient Rule for Differentiation
12 December 2020	12noon	Year 2 Pure	Implicit Differentiation
19 December 2020			Christmas Break
26 December 2020			Christmas Break
2 January 2021	12noon	Year 2 Pure	Integration By Substitution
9 January 2021	12noon	Year 2 Pure	Integration By Parts
16 January 2021	12noon	Year 2 Pure	Standard Integrals and Integrating Using Trig Identities
23 January 2021	12noon	Year 2 Pure	Parametric Equations (inc differentiation)
30 January 2021	12noon	Year 2 Pure	Parametric Equations (inc integration)
6 February 2021	12noon	Year 2 Pure	Connected Rates of Change
13 February 2021			Half Term
20 February 2021	12noon	Year 2 Pure	Differential Equations
27 February 2021	12noon	Year 2 Pure	Proof by Contradiction
6 March 2021	12noon	Year 2 Pure	Numerical Methods (Change of Sign, Newton-Raphson and Fixed Point Iteration)
13 March 2021	12noon	Year 2 Pure	Concave and Convex Curves and Trapezium Rule
20 March 2021	12noon	Year 2 Pure	Points of Inflection
27 March 2021			Easter
3 April 2021			Easter
10 April 2021	12noon	Year 2 Stats	Conditional Probability
17 April 2021	12noon	Year 2 Stats	Normal Distribution
24 April 2021	12noon	Year 2 Stats	Hypothesis Testing with Normal Distribution
1 May 2021	12noon	Year 2 Stats	Hypothesis Testing for Linear Correlation

8 May 2021	12noon	Year 2 Mech	Variable Acceleration in Two Dimensions
15 May 2021	12noon	Year 2 Mech	Projectiles
22 May 2021	12noon	Year 2 Mech	Resolving Nonperpendicular Forces (inc on a slope)
29 May 2021	12noon	Year 2 Mech	Coefficient of Friction
5 June 2021	12noon	Year 2 Mech	Moments