

February Revision Week Commencing 15th February

Yr 12 A Level Maths

Mon 15 th Feb 10-12	Algebraic expressions Indices laws: negative & fractional indices Surds: manipulation of surds, rationalizing denominators
Tues 16 th Feb 10-12	Quadratic expressions Solving quadratic equations, the discriminant & its uses, quadratic inequalities
Wed 17 th Feb 10-12	Coordinate geometry Equations of straight lines, parallel & perpendicular lines, equations of circles, tangents & chord properties
Thurs 18 th Feb 10-12	Binomial expansion Solving binomial problems, binomial estimation
Fri 19 th Feb 10-12	Trigonometry Important angles & exact values, trig. Identities & solving trig. equations

February Revision Week Commencing 15th February

Yr 13 A Level Maths

Mon 15 th Feb 1-3pm	Functions Types of functions including modulus function, solving modulus problems
Tues 16 th Feb 1-3pm	Partial fractions Linear & repeated factors in the denominator
Wed 17 th Feb 1-3pm	Binomial expansion Expanding $(a+bx)^n$, when n is fractional or negative, binomial expansion & partial fractions
Thurs 18 th Feb 1-3pm	Trigonometry Knowledge & use of radians, knowledge of reciprocal functions, the Pythagorean identities
Fri 19 th Feb 1-3pm	Trigonometry (continued) Knowledge & use of addition formula and double angle formula, the expression $a\cos x + b\sin x$

Online Revision School

Yr 12 A level Maths

Week 1 Mon 22 nd Feb 5-6:15pm	Algebraic expressions Indices laws: negative & fractional indices Surds: manipulation of surds, rationalizing denominators
Week 2 Mon 1 st Mar 5-6:15pm	Quadratic expressions Solving quadratic equations, the discriminant & its uses, quadratic inequalities
Week 3 Mon 8 th Mar 5-6:15pm	Coordinate geometry Equations of straight lines, parallel & perpendicular lines, equations of circles, tangents & chord properties
Week 4 Mon 15 th Mar 5-6:15pm	Binomial expansion Solving binomial problems, binomial estimation
Week 5 Mon 22 nd Mar 5-6:15pm	Trigonometry Important angles & exact values, trig. Identities & solving trig. equations
Week 6 Mon 29 th Mar 5-6:15pm	Exponentials & Logarithms The exponential function $y = e^x$, logs & rules of logs, solving equations using logs, natural logs

Yr 13 A Level Maths

Week 1 Tues 23 rd Feb 5-6:15pm	Functions Types of functions including modulus function, solving modulus problems
Week 2 Tues 2 nd Mar 5-6:15pm	Partial fractions Linear & repeated factors in the denominator
Week 3 Tues 9 th Mar 5-6:15pm	Binomial expansion Expanding $(a+bx)^n$, when n is fractional or negative, binomial expansion & partial fractions
Week 4 Tues 16 th Mar 5-6:15pm	Trigonometry Knowledge & use of radians, knowledge of reciprocal functions, the Pythagorean identities
Week 5 Tues 23 rd Mar 5-6:15pm	Trigonometry (continued) Knowledge & use of addition formula and double angle formula, the expression $a\cos x + b\sin x$
Week 6 Tues 30 th Mar 5-6:15pm	Differentiation Differentiation of sine and cosine, exponentials & logs, chain rule, product rule and quotient rule