SMITH'S WOOD LEARNING JOURNEY

Y11F MATHEMATICS

Personalised Program of Study

SUMMER TERM

WEEK 1 – WEEK 2

ALGEBRA
Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations

WEEK 3 – WEEK 4 – WEEK 5 – WEEK 6 – WEEK 7 – WEEK 8 – WEEK 9 – WEEK 10 – WEEK 11 – WEEK 12 – END OF TERM

SPRING TERM

WEEK 1

NUMBER
Multiplicative reasoning

WEEK 2

GEOMETRY
Plans and elevations
Constructions, loci and bearings

WEEK 3 – WEEK 4 – WEEK 5

ALGEBRA
Quadratic equations: expanding and factorising
Quadratic equations: graphs

WEEK 6 – WEEK 7

GEOMETRY
Circles, cylinders, cones and spheres

WEEK 8

NUMBER
Fractions and reciprocals
Indices and standard form

WEEK 9 – WEEK 10

GEOMETRY
Similarity and congruence in 2D
Vectors

WEEK 11 – WEEK 12 – END OF TERM

AUTUMN TERM

WEEK 1

NUMBER
Integers and place value
Decimals

WEEK 2

NUMBER
Indices, powers and roots
Factors, multiples and primes

WEEK 3 – WEEK 4 – WEEK 5

ALGEBRA
The basics

WEEK 6 – WEEK 7

ALGEBRA
Expressions and substitution into formulae

WEEK 8

STATISTICS
Tables, charts and graphs

WEEK 9 – WEEK 10

STATISTICS
Pie charts and scatter graphs

WEEK 11 – WEEK 12