SMITH'S WOOD LEARNING JOURNEY

Y10H MATHEMATICS

SUMMER TERM

WEEK 1 — **Geometry**
3D forms and volume, cylinders, cones and spheres

WEEK 2 — **Geometry**
3D forms and volume, cylinders, cones and spheres

WEEK 3 — **TOPIC**
Accuracy and bounds

WEEK 4 — **TOPIC**
Transformations

WEEK 5 — **GEOMETRY**
Constructions, loci and bearings

WEEK 6 — **GEOMETRY**
Constructions, loci and bearings

WEEK 7 — **ALGEBRA**
Solving quadratic and simultaneous equations
Inequalities

WEEK 8 — **ALGEBRA**
Solving quadratic and simultaneous equations
Inequalities

WEEK 9 — **PROBABILITY**
Probability

WEEK 10 — **PROBABILITY**
Probability

WEEK 11 — **PROBABILITY**
Probability

WEEK 12 — **TOPIC**
Multiplicative reasoning

END OF TERM

SPRING TERM

WEEK 1 — **FPD**
Ratio and proportion

WEEK 2 — **FPD**
Ratio and proportion

WEEK 3 — **GEOMETRY**
Polygons, angles and parallel lines

WEEK 4 — **GEOMETRY**
Polygons, angles and parallel lines

WEEK 5 — **GEOMETRY**
Pythagoras' Theorem and trigonometry

WEEK 6 — **GEOMETRY**
Pythagoras' Theorem and trigonometry

WEEK 7 — **STATISTICS**
the basics and real-life graphs

WEEK 8 — **STATISTICS**
Linear graphs and coordinate geometry
Quadratic, cubic and other graphs

WEEK 9 — **STATISTICS**
Linear graphs and coordinate geometry
Quadratic, cubic and other graphs

WEEK 10 — **STATISTICS**
Linear graphs and coordinate geometry
Quadratic, cubic and other graphs

WEEK 11 — **STATISTICS**
Linear graphs and coordinate geometry
Quadratic, cubic and other graphs

WEEK 12 — **Geometry**
Perimeter, area and circles

END OF TERM

AUTUMN TERM

WEEK 1 — **NUMBER**
Calculations, checking and rounding. Indices, roots, reciprocals and hierarchy of operations

WEEK 2 — **NUMBER**
Calculations, checking and rounding. Indices, roots, reciprocals and hierarchy of operations

WEEK 3 — **NUMBER**
Factors, multiples, primes, standard form and surds

WEEK 4 — **NUMBER**
Factors, multiples, primes, standard form and surds

WEEK 5 — **ALGEBRA**
The basics

WEEK 6 — **ALGEBRA**
The basics

WEEK 7 — **ALGEBRA**
Sequences

WEEK 8 — **ALGEBRA**
Sequences

WEEK 9 — **STATISTICS**
Averages and range
Representing and interpreting data and scatter graphs

WEEK 10 — **STATISTICS**
Averages and range
Representing and interpreting data and scatter graphs

WEEK 11 — **FDP**
Fractions and percentages

WEEK 12 — **FDP**
Fractions and percentages

END OF TERM