

KEY WORDS 2021 - 2022

| KEY WORDS | | | | | | |
|----------------|--|--|---|---|---|--|
| Subject: | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Maths | | | | | | |
| Year 7 | Square numbers, cube numbers, powers, square root, cube root, decimal place. | Area, perimeter, volume, circumference, radius, diameter, percentage. | Coordinates, x-axis, y-axis, mean, mode, median, range, ratio | Sequence, nth term, odd, even, triangular numbers Translate, enlargement, reflection, rotation, scale factor. | Students will be given the opportunity to work in pairs and small teams – supporting each other to solve equations. | Pie charts, stem and leaf, pictogram, key, Venn diagram, interception, union. |
| Year 8 | Square numbers, cube numbers, powers, square root, cube root, decimal place. | Area, perimeter, volume, circumference, radius, diameter, percentage. | Coordinates, x-axis, y-axis, mean, mode, median, range, ratio | Sequence, nth term, odd, even, triangular numbers Translate, enlargement, reflection, rotation, scale factor. | Students will be given the opportunity to work in pairs and small teams – supporting each other to solve equations. | Pie charts, stem and leaf, pictogram, key, Venn diagram, interception, union. |
| Year 9 | Discrete, continuous and categorical data Mean, median, mode and range Stem and leaf | Two-way table Scatter graph Correlation Time series graph Trend Circumference Pi | Multiples, factors and prime numbers. Decimal place Fractions, equivalent, simplify | Percentage Area, perimeter, volume Cuboid, prism | Bearings Clockwise and anti-clockwise Interior and exterior angles | Pythagoras theorem Sequence, term, nth term Equation |
| Year 10 | Multiples, factors, primes, percentages, decimal place, simplify | Acute, obtuse, reflex, right angle, perimeter, area, volume, compound shape, best buy. | Radius, circumference, diameter, ratio, exchange rate, currency. | Mean, median, mode, range, frequency table, grouped frequency table, probability, tree diagrams, line of best fit, scatter graph. | Linear equation, Index, Parallel, corresponding angles, alternate angles, vertically opposite. | Transformations, reflection, rotation, translation, enlargement, scale factor, linear graph, quadratic graph, table of values. |
| Year 11 | Column vectors Parallel, corresponding angles, alternate angles, vertically opposite angles. Simple and compound interest. | Expand, simplify, brackets, expression, equation, linear equation, linear, quadratic and cubic graphs. | Mean, median, mode, range, frequency table, grouped frequency table. simultaneous equation | Linear graph, quadratic graph, cubic graph, Nth term, sequence, ratio, Pythagoras Theorem, Trigonometry, Sine, Cosine, Tan | Significant figures, error interval, transformation, translate, rotate, reflect, enlarge, scale factor. | Index, venn diagram, union, intercept, arc, sector. |