

Curriculum Area: Maths Year: 2020-2021

Subject Coordinator(s): Sean Cooper

| Year group | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|------------|--|---|--|---|---|--|
| 7 | Four Rules (Addition, Subtraction, Multiplication & Division) Factors Multiples | Rounding Estimation Probability | Fractions Statistics (Mean, Mode, Median, Range) | Perimeter Area Volume Time Money | Units of measure Converting different units of measure | Co-ordinates Plotting points Averages Four rules recap |
| 8 | Four Rules (Addition, Subtraction, Multiplication & Division) Factors, Multiples | Rounding Estimation Probability | Fractions Statistics (Mean, Mode, Median, Range) | Perimeter Area, Volume Time Money | Units of measure Converting different units of measure | Co-ordinates Plotting points Averages Four rules recap |
| 9 | Four Rules (Addition, Subtraction, Multiplication & Division) Factors Multiples | Rounding Estimation Probability | Fractions Statistics (Mean, Mode, Median, Range) | Perimeter Area Volume Time Money | Units of measure Converting different units of measure | Co-ordinates Plotting points Averages Four rules recap |
| 10 (GCSE) | Four Rules Geometry, Measures, angles and scale drawings (1,2,4,6) | Factors, Multiples Prime numbers Decimals, Fractions Statistics, charts and averages (5,3,7) | Algebra, Substitution, solving equations, rearranging equations Algebra, Linear graphs and equations (9,8,15) | Geometry – Perimeter, area, transformations Volume and surface area. (11,12,14) | Statistics, representation and interpretation (18) | Number: Powers and standard form, Geometry, constructions, curved shapes and right angled triangles(19, 20, 22, 23,25) |
| 10 (ELC) | Four Rules Factors Prime Numbers Multiples, Probability | Probability Ratio Fractions Decimals | Statistics (Mean, Mode, Median, Range) Graphs Statistic Graphs | Perimeter Area Volume Sequence | Units of measure Position Bearing | Ratio Averages |
| 11 (GCSE) | Ratio proportion and rates of change: Speed. Proportion, percentages, compound measures, variation (10,16,17) | Probability: Events, Combined events (13,24) | Circle theorem (11) | Algebra, Number and sequences Simultaneous equations, non-linear graphs (21, 26, 27) | Revision of key topics | GCSE |
| 11 (ELC) | Four Rules Factors Prime Numbers Multiples, Probability | Probability Ratio Fractions Decimals | Statistics (Mean, Mode, Median, Range) Graphs Statistic Graphs | Perimeter Area Volume Sequence | Units of measure Position Bearing | Exams |