



# Curriculum

## Outline of Content

### Year 9



## Assessment

### Autumn Term

#### Number (10 lessons)

Basic written calculation methods  
Decimals  
Place value and rounding  
Factors and multiples

#### **Challenge - Laws of indices and prime factors**

#### Algebra (9 lessons)

Simplifying expressions  
Substitution  
Expanding and factorising brackets  
Using Formulae

#### **Challenge - re-arranging formulae**

### Spring Term

#### Statistics (10 lessons)

Two way tables  
Stem and leaf diagrams  
Pie Charts  
Scatter graphs

#### **Challenge - Using the line of best fit**

#### Number (10 lessons)

Operations with fractions  
Converting between fractions and decimals  
Calculating percentages  
Increasing and decreasing by percentages

#### **Challenge - Working with mixed numbers and reverse percentages**

### Summer Term

#### Algebra (12 lessons)

Solving equatoins with one and 2 steps  
Solving multi-step equations  
Inequalities  
Generating and using the nth term of a sequence

#### **Challenge - Solving equations with brackets, solving inequalities**

#### Angles (10 lessons)

Angles in triangles  
Parallel line laws  
Exterior and interior angles of polygons

#### **Challenge - Solving angle sum problems in polygons**

#### Autumn Term

- Individual Unit tests and end of term GCSE style PPE
- Unit tests makes 40% of overall grade, PPE makes 60%

#### Spring Term

- Individual Unit tests and end of term GCSE style PPE
- Unit tests make 20% of overall grade, PPE makes 30%

#### Summer Term

- Individual Unit tests and end of term GCSE style PPE
- Unit tests make 10% of overall grade, PPE makes 23%

#### End of Year Grade

- Unit tests will form 40% of final grade whilst GCSE style PPE will form the other 60%.