

**Year 7 Maths**

**Year 7 Maths Curriculum Information**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Key Question:** | **Specification:** | **Skill Focus:** |
| **Term 1:** | How can we apply the four operations to a range of different types of number? | * Types of number * Directed numbers/fractions/decimals/percentages * Key terms in shapes * Simplifying algebraic expressions * Ratio | Find/use primes/squares/roots, multiples, factors.  Order/calculate fractions, decimals, %, negatives.  Identify shape properties.  Simplify by collecting terms, expanding brackets; substitution.  Express/calculate using ratio. |
| **Term 2:** | How can we model a problem so that we can find an ‘unknown’? | * Sequences * Units of measurement * Angle rules * Solving equations | Finding/using nth term  Measure angles/lengths; convert units; find area  Apply angle rules to find missing angles  Solve linear equations |
| **Term 3:** | How can we make sense of a set of data? | * Coordinates & transformations * Collecting/processing data | Plot points; transform shapes by reflection/rotation/translation  Tabulate data; plot bar/pie/line charts |

|  |  |  |
| --- | --- | --- |
| **Assessment** | **Time/Venue** | **What will be assessed?** |
| 1 : Linking to Term 1 | * Assessment held in-class * 1hr * Teacher assessed | Non-calculator mixed questions assessing topics covered up to that point from term 1, along with from KS2. |
| 2: Linking to Term 1/2 | * Assessment held in-class * 1hr * Teacher assessed | Non-calculator mixed questions assessing topics covered from term 1, with some from the first few weeks of term 2 and from KS2 |
| 3: Linking to Term 1/2/3 | * Assessment held in the Exam Hall * 2 x 50 minutes * Teacher assessed | Paper 1: Non-calculator  Paper 2: Calculator  Mixed questions assessing topics from first two terms, with some from the first few weeks of term 3, also from KS2 |

**Year 7 Maths Assessment Information**