



**Year 8 Winter Assessment 2021 – Revision Checklist**



| Topic                  | Text Book Ref.  | Learning Intentions  |
|------------------------|-----------------|--|
| 1<br>Number 1          | Chapter 1       | • Use mental maths skills.                                   |
|                        |                 | • Add and subtract whole numbers.                            |
|                        |                 | • Use estimation skills.                                     |
| 2<br>Number 2          | Chapter 2       | • Multiplication and division of whole numbers.              |
|                        |                 | • Use the correct order of operations for calculations.      |
| 3<br>Number & Patterns | Chapter 4       | • Recognise prime, square and cube numbers.                  |
|                        |                 | • Understand multiples and factors.                          |
|                        |                 | • Spot patterns in lists of numbers.                         |
|                        |                 | • Generate a sequence using a rule.                          |
| 4<br>Angles            | Chapter 10      | • Estimate angles.   |
|                        |                 | • Measure and draw angles using a protractor.                |
|                        |                 | • Identify different types of angle.                         |
|                        |                 | • Calculate missing angles in a diagram.                     |
| 5<br>Algebra 1         | Algebra Booklet | • Understand that letters can represent unknown values.      |
|                        |                 | • Understand and combine like terms to simplify expressions. |
|                        |                 | • Solve equations.   |
|                        |                 | • Substitute numbers for letters in an expression.           |