

| Year | Autumn  | Spring  | Summer   |
|------|---|---|--|
| 7    | <ul style="list-style-type: none"> <li>• Number and calculations</li> <li>• Factors and multiples</li> <li>• Area and volume</li> <li>• Fractions</li> <li>• Expressions</li> </ul> | <ul style="list-style-type: none"> <li>• Fractions, decimals and percentages</li> <li>• Charts and averages</li> <li>• Shapes and angles</li> <li>• Ratio</li> <li>• Equations</li> </ul> | <ul style="list-style-type: none"> <li>• Equations</li> <li>• Sequences</li> <li>• Graphs</li> </ul>   |
| 8    | <ul style="list-style-type: none"> <li>• Number</li> <li>• Area and volume</li> <li>• Expressions</li> <li>• Fractions, decimals and percentages</li> <li>• Probability</li> </ul>  | <ul style="list-style-type: none"> <li>• Equations</li> <li>• Shapes and angles</li> <li>• Ratio</li> <li>• Pythagoras and trigonometry</li> </ul>  | <ul style="list-style-type: none"> <li>• Graphs</li> <li>• Sequences</li> <li>• Charts and averages</li> <li>• Transformations</li> </ul>            |
| 9    | <ul style="list-style-type: none"> <li>• Factors and multiples</li> <li>• Indices and standard form</li> <li>• Expressions and equations</li> <li>• Charts and averages</li> </ul>  | <ul style="list-style-type: none"> <li>• Area and volume</li> <li>• Fractions, decimals and percentages</li> <li>• Ratio</li> <li>• Shapes and angles</li> </ul>                          | <ul style="list-style-type: none"> <li>• Surds</li> <li>• Pythagoras' theorem</li> <li>• Right angled Trigonometry</li> <li>• Probability</li> </ul> |

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| 10 | <ul style="list-style-type: none"> <li>• Indices and standard form</li> <li>• Linear and quadratic expressions and equations</li> <li>• Charts and averages</li> <li>• Cumulative frequency</li> <li>• Transformations</li> <li>• Area and volume</li> </ul> | <ul style="list-style-type: none"> <li>• Fractions, decimals and percentages</li> <li>• Linear graphs</li> <li>• Constructions</li> <li>• Simultaneous equations</li> </ul>  | <ul style="list-style-type: none"> <li>• Ratio and proportion</li> <li>• Shape and angles</li> <li>• Circle theorems</li> <li>• Graphs of other functions</li> <li>• Pythagoras' theorem</li> <li>• Right angled and non-right-angled trigonometry</li> </ul> |
| 11 | <ul style="list-style-type: none"> <li>• Non-right-angled trigonometry</li> <li>• Algebraic manipulation</li> <li>• Quadratic equations</li> <li>• Functions</li> <li>• Algebraic proof</li> <li>• Vectors</li> </ul>  | <ul style="list-style-type: none"> <li>• Surds</li> <li>• Ratio and proportion</li> <li>• Linear and quadratic graphs</li> <li>• Cumulative frequency</li> <li>• Circle theorems</li> <li>• Linear and quadratic simultaneous equations</li> </ul> |   |

## Curriculum Overview – Maths- Teesdale.