

| Year | Autumn                                                                                                                                                                              | Spring                                                                                                                                                           | Summer                                                                                                                                                                          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7    | <ul style="list-style-type: none"> <li>• Numbers and Calculations</li> <li>• Factors and Multiples</li> <li>• Charts and Averages</li> <li>• Area and Volume</li> </ul>             | <ul style="list-style-type: none"> <li>• Expressions</li> <li>• Fractions, Decimals and Percentages</li> <li>• Ratio</li> </ul>                                  | <ul style="list-style-type: none"> <li>• Equations</li> <li>• Shapes and Angles</li> <li>• Sequences</li> <li>• Graphs</li> </ul>                                               |
| 8    | <ul style="list-style-type: none"> <li>• Numbers</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> <li>• Transformations</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>• Cumulative frequency</li> <li>• Transformations</li> <li>• Sequences</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>• Vectors</li> </ul> |
| 11 | <ul style="list-style-type: none"> <li>• Pythagoras' Theorem</li> <li>• Right-Angled and 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> | <ul style="list-style-type: none"> <li>• Revision</li> </ul>                                                                                                                            |

## Curriculum overview – Maths – Churchill