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| **Unit A4**  **Formulae** | **Year 7 Road Map** | | | |
| In this unit you will learn about algebra.  **S**: Support  **C**: Core  **E**: Extension |  | | | |
| **Differentiation** | **Learning Goals/Outcomes/Content** |  |  |  |
| S | Simplify algebraic expressions by collecting like terms (A2.3, A3.2) |  |  |  |
| S C | Use formulae in statement form (A3.2, A5.5) |  |  |  |
| S C | Express the perimeter of different shapes whose sides are whole numbers or algebraic terms or both |  |  |  |
| S C E | Distinguish between expressions, formulae, identify and equations (R3.1, R5.2, A6.1) |  |  |  |
| S C E | Convert temperature in degree Fahrenheit to degree Celsius and vice versa (A5.2) |  |  |  |
| S C E | Know how to substitute values into simple formulae (A3.2, A4.2, 5.2) |  |  |  |
| C E | Substitute values into complex formulae (A4.2, A5.2) |  |  |  |
| E | Rearrange formulae to change the subject of formulae (A5.2 / A5.5, A6.1) |  |  |  |
| S C E | Solve unstructured problems involving Problem substitution and change of subject of formulae |  |  |  |