|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Unit A4**  **Formulae** | **Year 8 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 |  |  |  |
| S C | Use formulae in statement form |  |  |  |
| S | 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 |  |  |  |
| S C E | Convert temperature in degree Fahrenheit to degree Celsius and vice versa |  |  |  |
| S C E | Know how to substitute values into simple formulae |  |  |  |
| C E | Substitute values into complex formulae |  |  |  |
| E | Rearrange formulae to change the subject of formulae including those that involving powers and roots |  |  |  |
| E | Form standard formulae. E.g. volume of prisms, cones, cylinder etc |  |  |  |
| S C E | Solve unstructured problems involving substitution and change of subject of formulae |  |  |  |