|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Unit A3**  **Equations and inequalities** | | **Year 8 Road Map** | | | | |
| In this unit you will learn about Sequences  **S**: Support  **C**: Core  **E**: Extension | | | | | | |
| **S/N** | **Differentiation** | **Learning Goals/Outcomes/Content** | **Mathswatch Clip** | **R** | **A** | **G** |
| 1 | S | Solve equations involving adding or subtracting terms (A2.3, A3.2, A3.4, A4.4, A5.2, A6.1) | A12 |  |  |  |
| 2 | S | Solving equations involving multiplying and dividing. A3.2, A3.4, A4.4, A5.2, A6.1) | A12 |  |  |  |
| 3 | S C | Solve linear equations with unknown on one side, combining adding or subtracting and multiplying (A3.4, A4.4, A5.2, A6.1) | 135a |  |  |  |
| 4 | C E | Solve linear equations with unknown on both sides (A4.4, A5.2, A6.1) | A19b |  |  |  |
| 5 | C E | Solve equations involving brackets and fraction (A2.3, A4.4, A5.2, A6.1). | A19a |  |  |  |
| 6 | S C E | Form and solve equations and interpret their answers correctly. | A17 |  |  |  |
| 7 | S C E | Interpret the symbols of inequality correctly and use them to draw a number-lines | A20a  138 |  |  |  |
| 8 | C E | List all possible solutions of a given inequality(ies) | A20b |  |  |  |
| 9 | C E | Solve inequalities and represent the solutions in a number line | 139 |  |  |  |
| 10 | S C E | Solve variety of unstructured problems involving equations and inequalities | 212 |  |  |  |

Student’s comments or questions