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| **Unit A3**  **Equations and inequalities** | | **Year 7 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 | Explain the meaning of inequality symbols | A20A |  |  |  |
| 2 | S | Find missing numbers from simple sums |  |  |  |  |
| 3 | S C | Solve equations involving adding and subtracting terms e.g x + 7 = 25, 6 - x = 12 (A2.3, A3.2, A3.4, A4.4, A5.2, A6.1) | A12 |  |  |  |
| 4 | S C E | Solving equations involving multiplying and dividing. E.g. 6x = 18, ,  ( A3.2, A3.4, A4.4, A5.2, A6.1) | A12 |  |  |  |
| 5 | S C E | Solve linear equations with unknown on one side, combining adding or subtracting and multiplying (A3.4, A4.4, A5.2, A6.1) | A12 |  |  |  |
| 6 | C E | Solve linear equations with unknown on both sides (A4.4, A5.2, A6.1) | A19b |  |  |  |
| 7 | C E | Solve equations involving brackets and fraction (A2.3, A4.4, A5.2, A6.1) | A19a |  |  |  |
| 8 | S C E | Form and solve equations from shapes and interpret their answers correctly. | A17 |  |  |  |
| 9 | C E | Know how to form and solve linear equations (A5.4) | A17 |  |  |  |
| 10 | S C E | Solve variety of unstructured problems using Algebra | A17-19 |  |  |  |

Student’s comments or questions