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| **Unit N3**  **Decimals** | | **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 C E | Place value of decimals | N1b |  |  |  |
| 2 | S | Draw and read scales accurately (N2.4, N3.4) | N8 |  |  |  |
| 3 | S C | Add and subtract decimals using mental and written methods (N1.6, N4.2, N3.2, N3.4, N3.6, N4.2, N5.3) | N13b  N14b  17 & 18 |  |  |  |
| 4 | C E | Multiply and divide decimals using Mastery Checks (N3.2, N3.4, N3.6, N4.3, N5.3) | N17b  66 & 67 |  |  |  |
| 5 | S C E | Know how to change fractions to decimals and vice versa (N1.6, N3.4, N4.2) | N32  85 |  |  |  |
| 6 | S C | Identify decimals on a number lines (N1.6, N2.4) |  |  |  |  |
| 7 | S C | Draw and read decimals from graphs | A21 |  |  |  |
| 8 | S C | Round numbers to the nearest 10, 100 and 1000 (N2.4, N3.2, N4.2, N5.3) | N27a  31 |  |  |  |
| 9 | S C E | Know how top round decimals to a given number of decimal places (N3.6, N5.3, N6.3) | N27b  32 |  |  |  |
| 10 | E | Know how to round numbers to a given number of significant figures (N5.3, N6.3) | N38  90 |  |  |  |
| 11 | S C E | Estimate answers by rounding them to appropriate degrees of accuracy (N5.3, N6.3) | N43 |  |  |  |
| 12 | S C E | Use the calculator efficiently and round answers to a specified degree of accuracy (N4.2, N5.3, N6.3) | 91 |  |  |  |
| 13 | S C E | Solve a variety of problems involving decimals (N5.3) | N2b  N40  3 |  |  |  |

Student’s comments or questions