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| **Unit N5** **Ratio and proportion** | **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 | Know how to simplify ratio | R5a38 |  |  |  |
| 2 | S CE | Share a given amount into ratio | R5b106 |  |  |  |
| 3 | S C E | Work out amount when part is known | 165c |  |  |  |
| 4 | S C E | Distinguish between ratio and proportion  | 42 |  |  |  |
| 5 | S C | Interpret and draw to indicate proportion of a shape shaded | N23a |  |  |  |
| 6 | C E | Exchange rate problems | 105 |  |  |  |
| 7 | C E | Proportion and ingredient problems | 39 |  |  |  |
| 8 | C E | Use conversion graphs to solve problems especially missing values | A21b |  |  |  |
| 9 | S C E | Use the relationship: speed, distance and time to solve problems | R11a |  |  |  |
| 10 | E | Use the relationship between: volume, density and mass to solve problems | R11b |  |  |  |
| 11 | S C E | Solve unstructured problems involving ratio and proportion. | R1165 |  |  |  |

Student’s comments or questions