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| **Unit N1****Properties of number** | **Year 8 Road Map** |
| In this unit you will learn about number. **S**: Support**C**: Core**E**: Extension |  |
| **Differentiation** | **Learning Goals/Outcomes/Content** |  |  |  |
| S | Adding and subtracting large numbers |  |  |  |
| S | Multiply a large number by 1 and 2 digits numbers |  |  |  |
| S C E | Divide large numbers by 1 and 2 digit numbers |  |  |  |
| S C E | Multiplying and dividing numbers by 10, 100, 1000, 0.1, 0.01, 0.001. (N3.2, N4.2). |  |  |  |
| S C E | Use BIDMAS to solve problems involving more than one operation (N3.1, N4.1) |  |  |  |
| S C  | Identify prime numbers between 1 to 100 (N3.1, N4.1, N5.1) |  |  |  |
| S C E | Express a number as a product of prime factors using division and factor tree method (N4.2, N5.1) |  |  |  |
|  C E | Find the LCM and HCF of numbers by listing multiples and factors and or Venn diagrams (N4.1, N5.1) approach |  |  |  |
|  C E | Use index laws such as 50, 53 x 52, (52)3 and 55÷ 52 (N6.1) |  |   |  |
|  E | Estimate sum |  |  |  |
|  E | Write numbers in standard form and vice versa (N6.1) |  |  |  |
| S C E | Solve a variety of enriched number problems  |  |  |  |