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| **Unit S2****Probability** | **Year 8 Road Map** |
| In this unit you will learn about probability. **S**: Support**C**: Core**E**: Extension |  |
| **Differentiation** | **Learning Goals/Outcomes/Content** |  |  |  |
| S | Identify and use the language of probability (S2.4 |  |  |  |
| S | Draw and interpret probability scale (S2.4, S3.2) |  |  |  |
| S C E | Calculate the probability of event happening and nor happening (S4.1, S5.2  |  |  |  |
| S C E | Experiment probability of an event happening (S4.1, S5.2) |  |  |  |
| S C E | Calculate the probability of events happening from recorded data (experimental probability) (S4.1, S5.2) |  |  |  |
|  C E | Calculate the expectation of an event happening |  |  |  |
|  C E | Use the addition and multiplication laws of probability |  |  |  |
| S C E | Draw sample space diagram and use them to calculate probability (S5.2) |  |  |  |
|  C E | Draw probability tree diagrams of events With or without replacement (S6.2, S6.4) |  |  |  |
|  E | Draw and interpret Venn Diagrams  |  |  |  |
| S C E | Use probability to solve unstructured problems |  |  |  |