

Prior learning:

- Describing probability using words.
- Understand how probability can be described in fractions, decimals and percentages.

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Probability

Work out probabilities from frequency tables and frequency trees.



368,369

Revisiting the basics of probability.



349-352

Work out probabilities from two way tables.



422-424

Identify mutually exclusive events.



353

Use relative frequency to estimate probabilities.



355-357

List outcomes for combined events.



370-371

Use and draw sample space diagrams.



359

Use and draw tree diagrams.



361-367

Use and draw Venn diagrams.



372-388

Next steps:


- Study of further probability in Statistics, Geography, Biology and Psychology (e.g. T-Test or Chi Squared Test)

Prior learning:

- Basic probability, including simple vocabulary.
- Calculations with fractions, decimals and percentages.
- Construction of two way tables.

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- Probability, Venn diagrams and tree diagrams

 **372-388**


Draw and use a Venn diagrams for probability and sets.
Use union and intersection notation.

Draw and use a sample space diagram.  **358-359**


Understand and use experimental and theoretical probability.  **355**

Draw and use a two-way table for probability, including solving algebraic problems.  **422-424**

Draw and use a probability tree diagram.  **362-367**

Understand conditional probabilities and decide if two events are independent.  **361**

Use diagrams to calculate conditional probability.

 **389-391**
422-424

Compare experimental data and theoretical probabilities from samples of different sizes.  **356,357**

Next steps:

- Comparing probability distribution tables (geography)
- Chi-squared test (biology) and T-Test (psychology)
- Venn diagrams for characterization (English)