National Curriculum Links

Australian Curriculum for Mathematics

This maps entries in the **Australian Mathematics Curriculum (from Foundation Stage to Year 7)** to the content of chapters of Haylock & Manning, *Mathematics Explained for Primary Teachers*, Australian edition.

# Chapter 28: Probability

## Year 1

* Identify outcomes of familiar events involving chance and describe them using everyday language such as ‘will happen’, ‘won’t happen’ or ‘might happen’

## Year 2

* Identify practical activities and everyday events that involve chance
* Describe outcomes as ‘likely’ or ‘unlikely’ and identify some events as ‘certain’ or ‘impossible’

## Year 3

* Conduct chance experiments, identify and describe possible outcomes and recognize variation in results

## Year 4

* Describe possible everyday events and order their chances of occurring
* Identify everyday events where one cannot happen if the other happens
* Identify events where the chance of one will not be affected by the occurrence of the other

## Year 5

* List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions
* Recognize that probabilities range from 0 to 1

## Year 6

* Describe probabilities using fractions, decimals and percentages
* Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies
* Compare observed frequencies across experiments with expected frequencies

## Year 7

* Construct sample spaces for single-step experiments with equally likely outcomes
* Assign probabilities to the outcomes of events and determine probabilities for events