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 6: Number and place value

## Foundation Year

* Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point
* Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond
* Subitize small collections of objects
* Compare, order and make correspondences between collections, initially to 20, and explain reasoning

## Year 1

* Develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero
* Recognize, model, read, write and order numbers to at least 100. Locate these numbers on a number line
* Count collections to 100 by partitioning numbers using place value
* Recognize, describe and order Australian coins according to their value

## Year 2

* Recognize, model, represent and order numbers to at least 1000
* Group, partition and rearrange collections up to 1000 in hundreds, tens and ones to facilitate more efficient counting
* Count and order small collections of Australian coins and notes according to their value

## Year 3

* Recognize, model, represent and order numbers to at least 10 000
* Apply place value to partition, rearrange and regroup numbers to at least 10 000 to assist calculations and solve problems

## Year 4

* Recognize, represent and order numbers to at least tens of thousands
* Apply place value to partition, rearrange and regroup numbers to at least tens of thousands to assist calculations and solve problems

## Year 5

* Use estimation and rounding to check the reasonableness of answers to calculations