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.

# Chapters 10–12: Multiplication and division

## Year 2

* Recognize and represent multiplication as repeated addition, groups and arrays
* Recognize and represent division as grouping into equal sets and solve simple problems using these representations

## Year 3

* Recall multiplication facts of two, three, five and ten and related division facts
* Represent and solve problems involving multiplication using efficient mental and written strategies and appropriate digital technologies

## Year 4

* Recall multiplication facts up to 10 × 10 and related division facts
* Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9
* Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder

## Year 5

* Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies and appropriate digital technologies
* Solve problems involving division by a one-digit number, including those that result in a remainder
* Use efficient mental and written strategies and apply appropriate digital technologies to solve problems

## Year 6

* Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers

## Year 7

* Apply the associative, commutative and distributive laws to aid mental and written computation