



# WESTERN AUSTRALIAN CURRICULUM CORRELATION CHART

**Years 3–4**

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# NUMBER AND ALGEBRA

## NUMBER AND PLACE VALUE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Investigate the conditions required for a number to be odd or even and identify odd and even numbers. (ACMNA051)	Year 3 Unit 1
Recognise, model, represent and order numbers to at least 10 000. (ACMNA052)	Year 3 Units 1, 2, 3
Apply place value to partition, rearrange and regroup numbers to at least 10 000 to assist calculations and solve problems. (ACMNA053)	Year 3 Units 8, 9
Recognise and explain the connection between addition and subtraction. (ACMNA054)	Year 3 Units 6, 13, 14, 15
Recall addition facts for single-digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation. (ACMNA055)	Year 3 Units 5, 12, 14
Recall multiplication facts of two, three, five and ten and related division facts. (ACMNA056)	Year 3 Units 18, 19, 24, 25
Represent and solve problems involving multiplication using efficient mental and written strategies and appropriate digital technologies. (ACMNA057)	Year 3 Unit 22

## FRACTIONS AND DECIMALS

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Model and represent unit fractions including $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{3}$ , $\frac{1}{5}$ and their multiples to a complete whole. (ACMNA058)	Year 3 Units 26, 27, 28

## MONEY AND FINANCIAL MATHEMATICS

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Represent money values in multiple ways and count the change required for simple transactions to the nearest five cents. (ACMNA059)	Year 3 Unit 32

# NUMBER AND ALGEBRA

## PATTERNS AND ALGEBRA

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Describe, continue, and create number patterns resulting from performing addition or subtraction. (ACMNA060)	Year 3 Unit 21 <i>Possible extension: Year 3 Unit 33 (Use a function machine and the inverse machine as a model to apply mathematical rules to numbers or shapes)</i>

# MEASUREMENT AND GEOMETRY

## USING UNITS OF MEASUREMENT

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Measure, order and compare objects using familiar metric units of length, mass and capacity. (ACMMG061)	Year 3 Unit 4 (Length), Year 3 Unit 10 (Mass), Year 3 Unit 23 (Area), Year 3 Unit 30 (Capacity)
Tell time to the minute and investigate the relationship between units of time. (ACMMG062)	Year 3 Unit 16

## SHAPE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Make models of three-dimensional objects and describe key features. (ACMMG063)	Year 3 Unit 31

# MEASUREMENT AND GEOMETRY

## LOCATION

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Create and interpret simple grid maps to show position and pathways. (ACMMG065)	Year 3 Unit 7
Identify symmetry in the environment. (ACMMG066)	Year 3 Unit 29

## GEOMETRIC REASONING

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Identify angles as measures of turn and compare angle sizes in everyday situations. (ACMMG064)	Year 3 Unit 17

# STATISTICS AND PROBABILITY

## CHANCE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Conduct chance experiments, identify and describe possible outcomes and recognise variation in results. (ACMSP067)	Year 3 Unit 20

## DATA REPRESENTATION AND INTERPRETATION

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Identify questions or issues for categorical variables. Identify data sources and plan methods of data collection and recording. (ACMSP068)	Year 3 Unit 11
Collect data, organise into categories and create displays using lists, tables, picture graphs and simple column graphs, with and without the use of digital technologies. (ACMSP069)	
Interpret and compare data displays. (ACMSP070)	

# NUMBER AND ALGEBRA

## NUMBER AND PLACE VALUE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Investigate and use the properties of odd and even numbers. (ACMNA071)	Year 4 Unit 1
Recognise, represent and order numbers to at least tens of thousands. (ACMNA072)	Year 4 Unit 2
Apply place value to partition, rearrange and regroup numbers to at least tens of thousands to assist calculations and solve problems. (ACMNA073)	Year 4 Units 3, 13
Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9. (ACMNA074)	Year 4 Unit 6 (3s, 6s, 9s), Year 4 Unit 7 (4s, 8s, 7s)
Recall multiplication facts up to $10 \times 10$ and related division facts. (ACMNA075)	Year 4 Unit 10, 11
Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder. (ACMNA076)	Year 4 Unit 15, 16

## FRACTIONS AND DECIMALS

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Investigate equivalent fractions used in contexts. (ACMNA077)	Year 4 Unit 23
Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line. (ACMNA078)	Year 4 Unit 24
Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation. (ACMNA079)	Year 4 Units 18, 27

## MONEY AND FINANCIAL MATHEMATICS

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Solve problems involving purchases and the calculation of change to the nearest five cents with and without digital technologies. (ACMNA080)	Year 4 Unit 31

# NUMBER AND ALGEBRA

## PATTERNS AND ALGEBRA

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Explore and describe number patterns resulting from performing multiplication. (ACMNA081)	Year 4 Unit 21
Solve word problems by using number sentences involving multiplication or division where there is no remainder. (ACMNA082)	Year 4 Unit 32
Find unknown quantities in number sentences involving addition and subtraction and identify equivalent number sentences involving addition and subtraction. (ACMNA083)	Year 4 Unit 28

# MEASUREMENT AND GEOMETRY

## USING UNITS OF MEASUREMENT

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Use scaled instruments to measure and compare lengths, masses, capacities and temperatures. (ACMMG084)	Year 4 Unit 4 (Length and Temperature), Year 4 Unit 5 (Mass and Capacity)
Compare objects using familiar metric units of area and volume. (ACMMG290)	Year 4 Units 14, 17
Convert between units of time. (ACMMG085)	Year 4 Unit 25
Use 'am' and 'pm' notation and solve simple time problems. (ACMMG086)	Year 4 Unit 26

## SHAPE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Compare the areas of regular and irregular shapes by informal means. (ACMMG087)	Year 4 Unit 8
Compare and describe two-dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies. (ACMMG088)	Year 4 Unit 9

# MEASUREMENT AND GEOMETRY

## LOCATION AND TRANSFORMATION

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Use simple scales, legends and directions to interpret information contained in basic maps. (ACMMG090)	Year 4 Unit 12
Create symmetrical patterns, pictures and shapes with and without digital technologies. (ACMMG091)	Year 4 Unit 33

## GEOMETRIC REASONING

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Compare angles and classify them as equal to, greater than, or less than, a right angle. (ACMMG089)	Year 4 Unit 22

## CHANCE

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Describe possible everyday events and order their chances of occurring. (ACMSP092)	Year 4 Unit 19
Identify everyday events where one cannot happen if the other happens. (ACMSP093)	
Identify events where the chance of one will not be affected by the occurrence of the other. (ACMSP094)	

## DATA REPRESENTATION AND INTERPRETATION

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Select and trial methods for data collection, including survey questions and recording sheets. (ACMSP095)	Year 4 Unit 20
Construct suitable data displays, with and without the use of digital technologies, from given or collected data. Include tables, column graphs and picture graphs where one picture can represent many data values. (ACMSP096)	Year 4 Unit 29
Evaluate the effectiveness of different displays in illustrating data features including variability. (ACMSP097)	Year 4 Unit 30

# LINKS TO WA DIGITAL TECHNOLOGIES CURRICULUM

## YEAR 4 DIGITAL TECHNOLOGIES: PROCESSES AND PRODUCTION SKILLS – INVESTIGATING AND DEFINING

WA Curriculum	Nelson Maths Victoria corresponding unit/s
Define a sequence of steps to design a solution for a given task. (WATPPS21)	Year 4 Unit 35 (Number and Algebra; Patterns and Algebra)