## Scope and Sequence: National Curriculum Mathematics from Haese Mathematics (4-7)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Year Level                                                                                                                                                                                                           |                    |                                                                                                                                                                    |                                                                                                                           |  |
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| Subtopic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4                                                                                                                                                                                                                    | 5                  | 6                                                                                                                                                                  | 7                                                                                                                         |  |
| Number and Algebra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                      |                    |                                                                                                                                                                    |                                                                                                                           |  |
| Number and place value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                      |                    |                                                                                                                                                                    |                                                                                                                           |  |
| Representation and ordering Year 4  Recognise, represent and order numbers to at least tens of thousands (ACMNA072) Year 6  Investigate everyday situations that use integers. Locate and represent these numbers on a number line (ACMNA124)  Partitioning numbers and place value Year 4  Apply place value to partition, rearrange and regroup numbers to at least tens of thousands to assist calculations and solve problems (ACMNA073)                                                                                                                | 1A: Place value 1B: Ten thousands 1C: Ordering numbers  1A: Place value 1E: Column addition 1F: Addition problems 1H: Column subtraction 1I: Subtraction with exchanging 1J: Subtraction problems                    |                    | 1A: The Hindu-Arabic number system 1E: Number lines  10A: Opposites 10B: Combined effects 10C: The number line 10D: Addition and subtraction with negative numbers |                                                                                                                           |  |
| Addition and subtraction Year 7 • Compare, order, add and subtract integers (ACMNA280)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2E: Multiplying by 10 2F: Multiplying larger numbers  3C: Dividing by 10 3G: Dividing larger numbers                                                                                                                 |                    |                                                                                                                                                                    | 1B: Number strategies 1C: Rounding 1D: Estimation 1E: Operating with numbers 1H: Order of operations  4B: The number line |  |
| Multiplication and division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2A: Multiplication tables                                                                                                                                                                                            | 2A: Multiplication |                                                                                                                                                                    | 4C: Adding and subtracting negatives 4F: Combined operations 4G: Using your calculator                                    |  |
| <ul> <li>Year 4</li> <li>Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9 (ACMNA074)</li> <li>Recall multiplication facts up to 10 × 10 and related division facts (ACMNA075)</li> <li>Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder (ACMNA076)</li> <li>Year 5</li> <li>Identify and describe factors and multiples of whole numbers and use them to solve problems (ACMNA098)</li> <li>Odd and even numbers</li> </ul> | 2D: Doubling 2E: Multiplying by 10 2F: Multiplying by large numbers  3A: Sharing 3C: Dividing by 10 3D: Halving 3E: Halving larger number 3F: Division using multiplication 3G: Dividing larger numbers  3D: Halving | 2C: Factors        |                                                                                                                                                                    |                                                                                                                           |  |
| Year 4 • Investigate and use the properties of odd and even numbers (ACMNA071)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22                                                                                                                                                                                                                   |                    |                                                                                                                                                                    |                                                                                                                           |  |

|                                                                                                                                                                                                                                                                                                                                                                                                            | Year Level                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                                                             |                                                                                                                                                                     |
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| Subtopic                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                                                                        | 5                                                                                                                                  | 6                                                                                                                                                                                                                           | 7                                                                                                                                                                   |
| <ul> <li>Special types of numbers and index notation</li> <li>Year 6</li> <li>Identify and describe properties of prime, composite, square and triangular numbers (ACMNA122)</li> <li>Year 7</li> <li>Investigate index notation and represent whole numbers as products of powers of prime numbers (ACMNA149)</li> <li>Investigate and use square roots of perfect square</li> </ul>                      |                                                                                                                                          |                                                                                                                                    | 3C: Zero and one 3F: Square numbers 3G: Triangular numbers 3H: Divisibility 3I: Factors of natural numbers 3J: Prime and composite numbers                                                                                  | 1F: Index notation 1G: Square numbers  3C: Prime and composite numbers 3D: Highest common factor 3E: Multiples of natural numbers 3F: Square roots of whole numbers |
| numbers (ACMNA150)  Solving problems using multiplication and division  Year 5  • Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies and appropriate digital technologies (ACMNA100)  • Solve problems involving division by a one digit number, including those that result in a remainder (ACMNA101)                       |                                                                                                                                          | 2A: Multiplication 2B: Division                                                                                                    |                                                                                                                                                                                                                             |                                                                                                                                                                     |
| <ul> <li>Solving problems using more complex operations</li> <li>Year 6</li> <li>Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers (ACMNA123)</li> <li>Year 7</li> <li>Apply the associative, commutative and distributive laws to aid mental and written computation (ACMNA151)</li> </ul> |                                                                                                                                          |                                                                                                                                    | 1B: Adding and subtracting whole numbers 1C: Multiplying and dividing whole numbers 1D: Two step problem solving 1F: Rounding numbers  3A: Addition and subtraction 3B: Multiplication and division 3E: Order of operations | 1B: Number strategies 1E: Operating with numbers 1H: Order of operations                                                                                            |
| General problem solving strategies  Year 5  • Use estimation and rounding to check the reasonableness of answers to calculations (ACMNA099)  • Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (ACMNA291)                                                                                                                                         |                                                                                                                                          | 1B: Rounding numbers 1C: Addition 1D: Subtraction  2A: Multiplication 2B: Division  6J: Using a calculator  9H: Using a calculator |                                                                                                                                                                                                                             |                                                                                                                                                                     |
| Fractions and decimals / Real numbers                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                          |                                                                                                                                    |                                                                                                                                                                                                                             |                                                                                                                                                                     |
| Representing fractions and connections to whole numbers Year 4  Count by quarters halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line (ACMNA078)                                                                                                                                                                                                       | 4A: Representing fractions 4B: Fractions which add up to 1 whole 4C: Fractions on a number line 4E: Improper fractions and mixed numbers |                                                                                                                                    |                                                                                                                                                                                                                             |                                                                                                                                                                     |

Number and Algebra Fractions and decimals / Real numbers Page 2 of 10

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| Subtopic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4                                                                     | 5                                                                                       | 6                                                                                                                                  | 7                                                                                                                                                     |  |
| <ul> <li>Comparing fractions and equivalence         Year 4         <ul> <li>Investigate equivalent fractions used in contexts                 (ACMNA077)</li> </ul> </li> <li>Compare and order common unit fractions and locate             and represent them on a number line (ACMNA102)</li> </ul> <li>Year 6         <ul> <li>Compare fractions with related denominators and locate             and represent them on a number line (ACMNA125)</li> <li>Year 7</li> <li>Compare fractions using equivalence. Locate and             represent positive and negative fractions and mixed             numbers on a number line (ACMNA152)</li> </ul> </li> | 4D: Equal fractions                                                   | 5B: Fractions on a number line 5D: Ordering fractions 5F: Proper and improper fractions | 5A: Fractions 5C: Proper and improper fractions 5E: Placing fractions on a number line 5F: Equal fractions 5G: Comparing fractions | 5D: Placing fractions on a number line 5E: Equal fractions and simplifying 5F: Comparing fractions                                                    |  |
| Fractions of a quantity  Year 6  • Find a simple fraction of a quantity where the result is a whole number, with and without digital technologies (ACMNA127)  Year 7  • Express one quantity as a fraction of another, with and without the use of digital technologies (ACMNA155)                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |                                                                                         | 5B: Fractions as division 5D: Fractions of quantities                                                                              | 5E: Equal fractions and simplifying 5K: Evaluating fractions using a calculator 5L: Problem solving                                                   |  |
| <ul> <li>Extension of place value</li> <li>Year 4</li> <li>Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation (ACMNA079)</li> <li>Year 5</li> <li>Recognise that the place value system can be extended beyond hundredths (ACMNA104)</li> </ul>                                                                                                                                                                                                                                                                                                                            | 4F: Working with hundredths  5A: Introducing decimals  5C: Hundredths | 6A: Constructing decimal numbers 6G: Dividing decimals by 10                            |                                                                                                                                    |                                                                                                                                                       |  |
| <ul> <li>Operations with fractions         Year 5         <ul> <li>Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator (ACMNA103)</li> <li>Year 6</li> <li>Solve problems involving addition and subtraction of fractions with the same or related denominators (ACMNA126)</li> <li>Year 7</li> <li>Solve problems involving addition and subtraction of fractions, including those with unrelated denominators (ACMNA153)</li> <li>Multiply and divide fractions and decimals using efficient written strategies and digital technologies (ACMNA154)</li> </ul> </li> </ul>                     |                                                                       | 5E: Adding and subtracting fractions                                                    | 5H: Adding and subtracting fractions                                                                                               | 5G: Adding and subtracting fractions 5H: Multiplying fractions 5J: Dividing fractions 5K: Evaluating fractions using a calculator 5L: Problem solving |  |
| Introduction to decimals  Year 5  Compare, order and represent decimals (ACMNA105)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       | 6A: Constructing decimal numbers 6B: Decimals on a number line 6C: Ordering decimals    |                                                                                                                                    |                                                                                                                                                       |  |

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| Subtopic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                              | 5                                      | 6                                                                                                                                                                                                                                                                     | 7                                                                                                                                                                                     |  |
| <ul> <li>Operations with decimals         Year 6</li> <li>Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128)</li> <li>Multiply decimals by whole numbers and perform divisions by non-zero whole numbers where the results are terminating decimals, with and without digital technologies (ACMNA129)</li> <li>Multiply and divide decimals by powers of 10 (ACMNA130)</li> <li>Year 7</li> <li>Multiply and divide fractions and decimals using efficient written strategies and digital technologies (ACMNA154)</li> </ul> |                                                                |                                        | 6C: Rounding decimal numbers 6E: Adding and subtracting decimals 6F: Multiplying by powers of 10 6G: Dividing by powers of 10 6H: Multiplying decimals by whole numbers 6I: Dividing decimals by whole numbers                                                        | 6F: Multiplying by powers of 10 6G: Dividing by powers of 10 6H: Multiplying decimal numbers 6I: Dividing decimal numbers                                                             |  |
| Percentages Year 6  • Make connections between equivalent fractions, decimals and percentages (ACMNA131) Year 7  • Connect fractions, decimals and percentages and carry out simple conversions (ACMNA157)  • Find percentages of quantities and express one quantity as a percentage of another, with and without digital technologies. (ACMNA158)                                                                                                                                                                                                                                                                           |                                                                |                                        | <ul> <li>6A: Constructing decimal numbers</li> <li>6B: Decimals on a number line</li> <li>6D: Converting between decimals and fractions</li> <li>9B: Converting between percentages and fractions</li> <li>9C: Converting between percentages and decimals</li> </ul> | 6B: Converting decimals to fractions  8A: Understanding percentages 8B: Interchanging number forms 8C: One quantity as a percentage of another 8D: Finding a percentage of a quantity |  |
| Ratios and proportion  Year 7  • Recognise and solve problems involving simple ratios (ACMNA173)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                |                                        |                                                                                                                                                                                                                                                                       | 13A: Ratio 13B: Writing ratios as fractions 13C: Equal ratios 13D: Problem solving using ratios 13E: Rates 13F: Comparing prices                                                      |  |
| Rational and irrational numbers  Year 7  Round decimals to a specified number of decimal places (ACMNA156)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                |                                        |                                                                                                                                                                                                                                                                       | 6C: Rounding decimal numbers                                                                                                                                                          |  |
| Money and financial mathematics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                |                                        |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                       |  |
| <ul> <li>Basic calculations with money</li> <li>Year 4</li> <li>Solve problems involving purchases and the calculation of change to the nearest five cents with and without digital technologies (ACMNA080)</li> <li>Year 5</li> <li>Create simple financial plans (ACMNA106)</li> </ul>                                                                                                                                                                                                                                                                                                                                      | 13A: Notes and coins 13B: Finding the total 13C: Giving change | 9G: Mixed money problems 9I: Budgeting |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                       |  |
| Further calculations with money  Year 6  Investigate and calculate percentage discounts of 10%, 25% and 50% on sale items, with and without digital technologies (ACMNA132)  Year 7  Investigate and calculate 'best buys', with and without digital technologies (ACMNA174)                                                                                                                                                                                                                                                                                                                                                  |                                                                |                                        | 9D: One quantity as a percentage of another 9E: Finding percentages of quantities                                                                                                                                                                                     | 13F: Comparing prices                                                                                                                                                                 |  |

|                                                              | Year Level                        |                                    |                                           |                                                          |
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| Subtopic                                                     | 4                                 | 5                                  | 6                                         | 7                                                        |
| Patterns and algebra                                         |                                   |                                    |                                           |                                                          |
| Number sentences                                             | 1D: Mental addition               | 1C: Addition                       | 3E: Order of operations                   |                                                          |
| Year 4                                                       | 1F: Addition problems             | 1D: Subtraction                    |                                           |                                                          |
| Solve word problems by using number sentences                | 1G: Mental subtraction            |                                    |                                           |                                                          |
| involving multiplication or division where there is no       | 1J: Subtraction problems          | 2A: Multiplication                 |                                           |                                                          |
| remainder (ACMNA082)                                         |                                   | 2B: Division                       |                                           |                                                          |
| Find unknown quantities in number sentences involving        | 2A: Multiplication tables         |                                    |                                           |                                                          |
| addition and subtraction and identify equivalent number      | 2B: Multiples                     |                                    |                                           |                                                          |
| sentences involving addition and subtraction                 | 2C: Factors                       |                                    |                                           |                                                          |
| (ACMNA083)                                                   | 2D: Doubling                      |                                    |                                           |                                                          |
| Year 5                                                       | 2E: Multiplying by 10             |                                    |                                           |                                                          |
| Find unknown quantities in number sentences involving        | 2F: Multiplying larger numbers    |                                    |                                           |                                                          |
| multiplication and division and identify equivalent          |                                   |                                    |                                           |                                                          |
| number sentences involving multiplication and division       | 3C: Dividing by 10                |                                    |                                           |                                                          |
| (ACMNA121)                                                   | 3D: Halving                       |                                    |                                           |                                                          |
| Year 6                                                       | 3E: Halving large numbers         |                                    |                                           |                                                          |
| Explore the use of brackets and order of operations to       | 3F: Division using multiplication |                                    |                                           |                                                          |
| write number sentences (ACMNA134)                            | 3G: Dividing by larger numbers    |                                    |                                           |                                                          |
| Number sequences                                             | 2B: Multiples                     | 12A: Number sequences              | 11A: Number sequences                     |                                                          |
| Year 4                                                       | 2E: Multiplying by 10             | 12B: Finding a rule for a sequence | 11B: Sequences involving fractions        |                                                          |
| Explore and describe number patterns resulting from          | 25 11-1 1-1                       | 12C: Sequences involving fractions | 11C: Sequences involving decimals         |                                                          |
| performing multiplication (ACMNA081)                         | 3D: Halving                       | 12D: Sequences involving decimals  | 11D: Patterns                             |                                                          |
| Year 5                                                       |                                   |                                    | 11E: Using a formula to describe patterns |                                                          |
| Describe, continue and create patterns with fractions,       |                                   |                                    |                                           |                                                          |
| decimals and whole numbers resulting from addition           |                                   |                                    |                                           |                                                          |
| and subtraction (ACMNA107)                                   |                                   |                                    |                                           |                                                          |
| Year 6                                                       |                                   |                                    |                                           |                                                          |
| Continue and create sequences involving whole                |                                   |                                    |                                           |                                                          |
| numbers, fractions and decimals. Describe the rule used      |                                   |                                    |                                           |                                                          |
| to create the sequence (ACMNA133)  Introduction to algebra   |                                   |                                    |                                           | 7A: Building expressions                                 |
| Year 7                                                       |                                   |                                    |                                           | 7B: Key words in algebra                                 |
| Introduce the concept of variables as a way of               |                                   |                                    |                                           | 7C: Simplifying expressions                              |
| representing numbers using letters (ACMNA175)                |                                   |                                    |                                           | 7D: Algebraic products                                   |
| Create algebraic expressions and evaluate them by            |                                   |                                    |                                           | 7E: Evaluating algebraic expressions                     |
| substituting a given value for each variable (ACMNA176)      |                                   |                                    |                                           | 7F: Formulae                                             |
| Extend and apply the laws and properties of arithmetic       |                                   |                                    |                                           | 7G: Practical problems using formulae                    |
| to algebraic terms and expressions (ACMNA177)                |                                   |                                    |                                           | 2                                                        |
| Linear and non-linear relationships                          |                                   |                                    |                                           | 1                                                        |
| •                                                            |                                   |                                    |                                           | 11P: Number grids                                        |
| The Cartesian plane Year 7                                   |                                   |                                    |                                           | 11B: Number grids 11C: Positive and negative coordinates |
| • Given coordinates, plot points on the Cartesian plane,     |                                   |                                    |                                           | 11D: Plotting points from a table of values              |
| and find coordinates for a given point (ACMNA178)            |                                   |                                    |                                           | 1110. Flotting points from a table of values             |
| Solving single linear equations                              |                                   |                                    |                                           | 9B: Solving simple equations                             |
| Year 7                                                       |                                   |                                    |                                           | 9C: Maintaining balance                                  |
| <ul> <li>Solve simple linear equations (ACMNA179)</li> </ul> |                                   |                                    |                                           | 9D: Inverse operations                                   |
| - Joive simple inteal equations (ACIVINAL/3)                 |                                   |                                    |                                           | 9E: Algebraic flowcharts                                 |
|                                                              |                                   |                                    |                                           | 9F: Solving equations                                    |
|                                                              |                                   |                                    |                                           | 9G: Equations with a repeated variable                   |
|                                                              |                                   |                                    |                                           | 91: Problem solving                                      |
|                                                              |                                   |                                    |                                           | 5 100iciii 30iviiig                                      |

| View      | Subtopic                                                   | 4                               | 5                | 6                           | 7                                |
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| **Investigate, integret and analyse graphs from auchenic ages (activities) (assign (activities)) (activities) (activitie | Graphing and interpreting relationships                    |                                 |                  |                             | 14A: Properties of line graphs   |
| Massurement and geometry  Units of measurement many decorations to measure and compare length, masser, capacities and compare length, masser, capacities and compare length, masser, capacities and temperatures of Children and C | Year 7                                                     |                                 |                  |                             | 14B: Estimating from line graphs |
| Measurement and geometry Units of Inspiral measurement Visit of Inspiral measurement of Compare objects using familiar metric units of area and visiting (ACMMCB20) Visit of Compare objects using familiar metric units of area and visiting (ACMMCB20) Visit of Vis | • Investigate, interpret and analyse graphs from authentic |                                 |                  |                             | 14C: Travel graphs               |
| Units of physical resourcement Visar of Multina featurement resourcement (Nazar 4 10 the scalar instruments to measure and compare lengths, masses, capacities of measurement (and MindS39)  1 Compare objects using familiar meint units of area and volume (ACMM6293)  1 Compare objects using familiar meint units of area and volume (ACMM6293)  1 Consor appropriate units of measurement for length, mass (ACMM6238)  2 Compare objects using familiar meint units of measurement for length, mass (ACMM6238)  3 Consor appropriate units of measurement for length, mass and capacity (ACMM6238)  3 Consor desperting familiar depresentations to the metric system (ACMM6238)  4 Consor desperting familiar meintic units of length, mass and capacity (ACMM6239)  5 Consort thetween common metric units of length, mass and capacity (ACMM6238)  5 Consort thetween common metric units of length, mass and capacity (ACMM6239)  5 Consort the problems involving the comparison of lengths and area of rectangles using familiar meitic units (ACMM6167)  5 Safety proprietic units (AC |                                                            |                                 |                  |                             |                                  |
| Units of hybridi measurement (Nord 4  • Use scaled instruments to measure and compare (Inelty, Capacity)  • Compare objects using familiar metric units of area and volume (ACMMG290)  • Compare objects using familiar metric units of area and volume (ACMMG290)  • Compare objects using familiar metric units of area and volume (ACMMG290)  • Compare objects using familiar metric units of length, area, youture, Capacity and most (ACMMG188)  • Commerc decimal representations to the metric system (ACMMG135)  • Commerc decimal representations to the metric system (ACMMG136)  • Convert observation metric units of length, area, youture, Capacity and most (ACMMG188)  • Convert observation metric units of length, area, youture, Capacity and most (ACMMG188)  • Convert observation metric units of length, area, youture, Capacity and most (ACMMG188)  • Convert observation metric units of length, area, youture, Capacity and most (ACMMG188)  • Convert observation metric units of length, area (ACMMG189)  • Calculate perimeter and area of rectangles, using familiar metric units ACMMG189)  • Calculate perimeter and area of rectangles, triangles, area (ACMMG189)  • Calculating quantities of two-dimensional spatial areas using appropriate units (ACMMG189)  • Calculate perimeter and area of rectangles, triangles, area (ACMMG189)  • Calculating quantities of two-dimensional spatial areas using appropriate units (ACMMG189)  • Calculating quantities of three-dimensional spatial measure  • Connect volume and capacity and their units of measurement (ACMMG189)  • Calculate volumes of rectanglar prisms (ACMMG180)  • Calculate  | Measurement and geometry                                   |                                 |                  |                             |                                  |
| Set Estimation   Set Caractive   Set Estimation   Set Estimation   Set Caractive   Set Estimation   Set Caractive   Set Estimation   Set Caractive   Set Moss   Set   | Units of measurement                                       |                                 |                  |                             |                                  |
| Use scaled instruments to measure and compare (lengths, masses, capacities and temperature)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Units of physical measurement                              | 6A: Centimetres and millimetres | 8A: Length       | 8A: Length                  |                                  |
| lengths, masses, capacities and temperatures (ACMM0608)  • Compare objects using familiar metric units of area and volume (ACMM06230)  Year 5  • Conocet decimal representations to the metric system (ACMM06138)  • Connect decimal representations to the metric system (ACMM06135)  • Connect decimal representations to the metric system (ACMM06135)  • Connect between common metric units of length, mass and capacity (ACMM06136)  • Calculating quantities of two-dimensional spatial measure  • Calculating parentities of two-dimensional spatial measure  • Solve problems involving the comparison of lengths and areas using appropriate units (ACMM06137)  • Israelika the Formulas for areas of rectangles, triangles (ACMM06138)  • Israelika the Formulas for areas of rectangles, triangles (ACMM06138)  • Solve problems involving the comparison of lengths and areas using appropriate units (ACMM06137)  • Israelika the Formulas for areas of rectangles, triangles (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their units of measurement (ACMM06138)  • Connect volume and capacity and their u | Year 4                                                     | 6B: Estimation                  | 8C: Area         | 8F: Capacity                |                                  |
| (ACMMG084) Compare objects using familiar metric units of area and volume (ACMMG290) Section 2 Compare objects using familiar metric units of area and volume (ACMMG290) Section 3 Section | Use scaled instruments to measure and compare              | 6C: Metres                      |                  | 8G: Mass                    |                                  |
| Compare objects using familiar metric units of area and volume (ACMMG189)  Vear S     Choose appropriate units of measurement for length, area, volume, capacity and mass (ACMMG188)  **Connect decimal representations to the metric system (ACMMG189)  **Connect decimal representations to the metric system (ACMMG189)  **Connect the ween common metric units of length, mass and capacity (ACMMG138)  **Connect the ween common metric units of length, mass and capacity (ACMMG138)  **Connect the ween common metric units of length, mass and capacity (ACMMG189)  **Calcidate perimeter and area of rectangles using familiar metric units (ACMMG189)  **Vear O  **Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG189)  **Vear O  **Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG189)  **Vear O  **Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG189)  **Vear O  **Connect volume and capacity and their units of measurement (ACMMG189)  **Vear O  **Connect volume and capacity and their units of measurement (ACMMG189)  **A. Telling the time  **Year C  **Connect volume and capacity and their units of measurement (ACMMG189)  **A. Telling the time  **Year A  **Vear A  **A. Analogue time  **Year A  **Vear A  **A. Analogue time  **Year A  **Vear A  **A. Analogue time  **Year A  **A. Analogue time  **Telling the time  **Tellin      | lengths, masses, capacities and temperatures               | 6D: Temperature                 | 10A: Volume      |                             |                                  |
| volume (ACMMG290)  Vear 5  Choose appropriate units of measurement for length, area, volume, capacity and mass (ACMMG183)  Vear 6  Connect decimal representations to the metric system (ACMMG183)  Convert between common metric units of length, mass and capacity (ACMMG183)  Calculating quantities of two-dimensional spatial measure Vear 5  Calculating quantities of two-dimensional spatial measure (var 5  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187)  Vear 7  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187)  Vear 7  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187)  Vear 7  Calculating quantities of three-dimensional spatial measure (var 6)  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187)  Vear 7  Calculating quantities of three-dimensional spatial measure (var 6)  Calculating quantities of three-dimensional spatial measure (var 6)  Calculating quantities of three-dimensional spatial measure (var 6)  Canculating quantities of three-dimensional spatial measure (var 6)  Calculating quantities of three-dimensional spatial measure (var 6)  Canculating quantities of three-dimensional spatial measure (var 6)  Calculating quantities of three-dimensional spatial measure (var 6)  Canculating quantities of three-dimensional spatial measure (var 7)  Calculating quantities of three-dimensional spatial measure (var 7)  Canculating quantities of three-dimensional spatial measure (var 7)  Canculating quantities of three-dimensional spatial measure (var 7)  Canculating quantities of three-dimensional spatial measure (var 7)  Calculating quantities of three-dimensional spat | (ACMMG084)                                                 | 6E: Capacity                    | 10B: Capacity    |                             |                                  |
| Year 5 - Choose appropriate units of measurement for length, area, volume, capacity and mass (ACMMG18) - Connect decimal representations to the metric system (ACMMG185) - Connect between common metric units of length, mass and capacity (ACMMG186) - Carboard between common metric units of length, mass and capacity (ACMMG186) - Carboard between common metric units of lengths and area of rectangles using familiar metric units (ACMMG187) - Vear 6 - Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187) - Vear 6 - Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187) - Vear 7 - Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG187) - Vear 7 - Calculating quantities of three-dimensional spatial measure - Vear 6 - Connect volume and capacity and their units of measurement (ACMMG188) - Vear 7 - Calculate volumes of rectangular prisms (ACMMG160) - Language of time - Vear 4 - Time tables - Timetables - Ti | Compare objects using familiar metric units of area and    |                                 | 10D: Mass        |                             |                                  |
| Choose appropriate units of measurement for length, area, volume, capacity and mass (ACMMG188)     Para for Comment decimal representations to the metric system (ACMMG135)     Convert between themselves common metric units of length, mass and capacity (ACMMG136)     Convert between themselves common metric units of length, mass and capacity (ACMMG136)     Calculating quantities of two-dimensional spatial measure Year 5     Calculating properties involving the comparison of lengths and areas using appropriate units (ACMMG137)     Year 6     Stolve problems involving the comparison of lengths and areas using appropriate units (ACMMG137)     Year 7     Calculating quantities of three-dimensional spatial measure Year 6     Connect volume and capacity and their units of measurement (ACMMG138)     Year 7     Calculate volume and capacity and their units of measurement (ACMMG138)     Year 7     Calculate volumes of rectanglar prisms (ACMMG160)     Language of time     Ya: Talling the time     7A: Talling the time     7A: Analogue time     7C: Units of time     7C:      | volume (ACMMG290)                                          | 8A: Area                        |                  |                             |                                  |
| area, volume, capacity and mass (ACMMG108)  Concent decimal representations to the metric system (ACMMG138)  Convert between common metric units of length, mass and capacity (ACMMG138)  Calculating quantities of two-dimensional spatial measure (Par S Calculate perimeter and area of rectangles using familiar metric units (ACMMG109)  Fear 6  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 6  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 7  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 7  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 7  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 8  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Fear 9  Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Solve and a problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Solve and a problems involving the comparison of lengths and areas using appropriate units (ACMMG109)  Solve and a problems involving the comparison of lengths and areas using a propriate units (ACMMG109)  Solve and a problems involving the comparison of lengths and areas using a propriate units (ACMMG109)  Solve and a problems involving the comparison of lengths and areas using a propriate units of measure and areas using a propriate units of the areas of rectangles are a problems involving the areas of rectangles are a problems involving the areas of rectangles are a problems involving the areas of rectangles areas using a propria | Year 5                                                     | 8B: Estimating area             |                  |                             |                                  |
| Year 6  Connect decimal representations to the metric system (ACMMG135)  Convert between common metric units of length, mass and capacity (ACMMG136)  Calculating quantities of two-dimensional spatial measure Year 6  Calculating quantities of two-dimensional spatial measure was 5 solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137)  Year 6  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problems solving (ACMMG139)  Year 7  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problems solving (ACMMG139)  Year 6  Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  Calculating quantities of three-dimensional spatial measure  Year 6  Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  Calculate volumes of rectanglar prisms (ACMMG186)  Language of time  Year 4  Cuse 'am' and 'pm' notation and solve simple time problems (ACMMG068)  Telling the time  78: Was and and 'm'  78: Linguage of time  Year 4  Compact 2-2 and 24-hour time systems and convert between them (ACMMG169)  Language of time  Year 5  Compact 2-2 and 24-hour time systems and convert between them (ACMMG16M)  Language of time  Year 6  Compact 2-2 and 24-hour time systems and convert between them (ACMMG16M)  Language of time  Year 5  Compact 2-2 and 24-hour time systems and convert between them (ACMMG16M)  Language of time  Year 6  Year 6  Se. Area  8B. Perimeter  8B. Rerimeter  AB. Rerimeter  BB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  BB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  BB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  AB. Rerimeter  BB. Rerimeter  AB. Rerime | Choose appropriate units of measurement for length,        | 8C: Mass                        |                  |                             |                                  |
| Convert between common metric units of length, mass and capacity (ACMMG136) Convert between common metric units of length, mass and capacity (ACMMG136) Calculating quantities of two-dimensional spatial measure Year'S Calculating perimeter and area of rectangles using familiar metric units (ACMMG109) Year 6 Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109) Year 6 Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG109) Year 7 Establish the formulas for areas of rectangles, triangles, and parallelograms, and use these in problem-solving (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6 Connect volume and capacity and their units of measurement (ACMMG138) Year 7 Calculating quantities of three-dimensional spatial measure Year 6 Connect volume and capacity and their units of measurement (ACMMG138) Year 7 Year 7 Year 7 Year 7 Year 9  | area, volume, capacity and mass (ACMMG108)                 | 8D: Volume                      |                  |                             |                                  |
| ACMMG135  Sc. Area     | Year 6                                                     |                                 |                  |                             |                                  |
| • Convert between common metric units of length, mass and capacity (ACMMG136)  Calculating quantities of two-dimensional spatial measure Year S Calculate perimeter and area of rectangles using familiar metric units (ACMMG109)  Year 6 • Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137)  Year 7  Year 7  Year 6  Calculating quantities of two-dimensional spatial measure (ACMMG159)  Year 6 • Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  • Cancet volume and capacity and their units of measurement (ACMMG138)  Year 7  • Calculating quantities of three-dimensional spatial measure  • Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  • Calculating quantities of three-dimensional spatial measure  • Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  • Calculating quantities of three-dimensional spatial measure  • Connect volume and capacity and their units of measurement (ACMMG138)  Year 7  • Calculating quantities of three-dimensional spatial measure  1 A: Telling the time  7 A: Analogue time  7 B: Digital time  7 C: Units of time  7 F: It metables  7 E: 24-Hour time  7 E: 24-Hour time  Problems (ACMMG086)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Connect decimal representations to the metric system       |                                 |                  |                             |                                  |
| and capacity (ACMMG136) Calculating quantities of two-dimensional spatial measure Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) Year 7 Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG139) Year 6 Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG139)  Calculating quantities of three-dimensional spatial measure Year 6 Connect volume and capacity and their units of measurement (ACMMG138) Year 7 Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4 78: AM and PM 78: Oligital time 78: Am and pm' notation and solve simple time problems (ACMMG086) Year 5 Compare 12-and 24-hour time systems and convert between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (ACMMG135)                                                 |                                 |                  |                             |                                  |
| Sale perimeter   Sale Length   Sale Length   Sale Length   Sale Perimeter   Sale Length   Sale Length   Sale Perimeter   Sale Length   Sale L   | Convert between common metric units of length, mass        |                                 |                  |                             |                                  |
| Year 5  • Calculate perimeter and area of rectangles using familiar metric units (ACMMG109) Year 6 • Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) Year 7 • Calculating quantities of three-dimensional spatial measure • Connect volume and capacity and their units of measurement (ACMMG138) Year 7 • Calculate volumes of rectangular prisms (ACMMG160)  7A: Telling the time 7B: AM and PM 7C: Time calculations 7C: Units of time 7F: 24-hour time 9 Teig 4 • Compare 12- and 24-hour time systems and convert between them (ACMMG101)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | and capacity (ACMMG136)                                    |                                 |                  |                             |                                  |
| • Calculate perimeter and area of rectangles using familiar metric units (ACMMG109) Year 6 • Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) Year 7 • Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG199) Calculating quantities of three-dimensional spatial measure Year 6 • Connect volume and capacity and their units of measurement (ACMMG138) Year 7 • Calculate volumes of rectangular prisms (ACMMG180)  Take 1 and 1 pm of pricting the problems (ACMMG188) Year 6 • Connect volume and capacity and their units of measurement (ACMMG138) Year 7 • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4 • Use 'am' and 'pm' notation and solve simple time problems (ACMMG666)  7A: Time calculations 7F: Timetables  7C: Units of time 7F: 24-Hour time Year 5 • Compare 12- and 24-hour time systems and convert between them (ACMMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Calculating quantities of two-dimensional spatial measure  |                                 | 8B: Perimeter    | 8A: Length                  | 12C: Area                        |
| metric units (ACMMG109) Year 6 Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) Year 7 Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG199) Calculating quantities of three-dimensional spatial measure Year 6 Connect volume and capacity and their units of measurement (ACMMG180) Calculate volumes of rectangular prisms (ACMMG160) Language of time Year 4 Use 'an' and 'pm' notation and solve simple time problems (ACMMG086) Year 5 Compare 12- and 24-hour time systems and convert between them (ACMMG110)  8D: The area of a rectangle  \$EVALUME  8E: Volume  8F: Capacity  Year 6  **Compare 12-and 24-hour time systems and convert between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Year 5                                                     |                                 | 8C: Area         | 8B: Perimeter               | 12D: The area of a rectangle     |
| Year 7  • Calculate volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160) Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG150)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG180)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG187)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG188)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG188)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG180)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG188)  Accompared by a comparison of lengths and areas using appropriate units (ACMMG188)  Accompared by a comparison of lengths and areas using a comparison of lengths and selected by a comparison of lengths areas using appropriate units (ACMMG188)  Accompared by a comparison of lengths and areas units (ACMMG188)  Accompared by a comparison of lengths areas and selected by a comparison of lengths and selected by a com | Calculate perimeter and area of rectangles using familiar  |                                 |                  | 8C: Area                    | 12E: Other areas                 |
| Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) Year 7  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6  Connect volume and capacity and their units of measurement (ACMMG138) Year 7  Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A Solve in the Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A Solve in the Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A Solve in the Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A Solve in the Compare 12- and 24-hour time systems and convert between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | metric units (ACMMG109)                                    |                                 |                  | 8D: The area of a rectangle |                                  |
| areas using appropriate units (ACMMG137) Year 7 - Use Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4 - Use 'am' and 'pm' notation and solve simple time problemines (ACMMG086) Year 5 - Compare 12- and 24-hour time systems and convert between them (ACMMG110)  RESEXUAL SEASON SERVICE SEASON  | Year 6                                                     |                                 |                  |                             |                                  |
| Year 7  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6  Connect volume and capacity and their units of measurement (ACMMG138) Year 7  Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  Vear 4  Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  Compact 12- and 24-hour time systems and convert between them (ACMMG110)  AE SE: Volume S | Solve problems involving the comparison of lengths and     |                                 |                  |                             |                                  |
| • Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6 • Connect volume and capacity and their units of measurement (ACMMG138) Year 7 • Calculate volumes of rectangular prisms (ACMMG160)  Taguage of time Year 4 • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5 • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problems (ACMMG160)  Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problems (ACMMG0160)  Establish problems (ACMMG0160)  | areas using appropriate units (ACMMG137)                   |                                 |                  |                             |                                  |
| and parallelograms, and use these in problem-solving (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6  • Connect volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  Assignment (ACMMG110)  Assignment (ACMMG110)  Assignment (ACMMG110)  BE: Volume  8F: Capacity  F: Volume  Assignment (ACMMG18)  F: Capacity  Assignment (ACMMG18)  F: Analogue time 7A: Analogue time 7B: Digital time 7C: Units of time 7C: Units of time 7C: Units of time 7E: 24-Hour time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Year 7                                                     |                                 |                  |                             |                                  |
| (ACMMG159)  Calculating quantities of three-dimensional spatial measure Year 6  • Connect volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  AERICA SELVOLUME  8E: Volume 8F: Capacity  12F: Volume  12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume 12F: Volume  | Establish the formulas for areas of rectangles, triangles  |                                 |                  |                             |                                  |
| Calculating quantities of three-dimensional spatial measure Year 6  • Connect volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  According to the service of t | and parallelograms, and use these in problem-solving       |                                 |                  |                             |                                  |
| measure Year 6  • Connect volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  RECOMMENDED  **RECAPACITY  | (ACMMG159)                                                 |                                 |                  |                             |                                  |
| Year 6  • Connect volume and capacity and their units of measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A Telling the time 7A: Analogue time 7B: Digital time 7C: Units of time 7C: Units of time 7E: 24-Hour time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Calculating quantities of three-dimensional spatial        |                                 |                  | 8E: Volume                  | 12F: Volume                      |
| • Connect volume and capacity and their units of measurement (ACMMG138) Year 7 • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4 • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5 • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  ACM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | measure                                                    |                                 |                  | 8F: Capacity                |                                  |
| measurement (ACMMG138) Year 7  • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4  • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  ACMMG138)  ACMMG138  ACMMG138  ACMMG138  ACMMG140  ACMMG160   | Year 6                                                     |                                 |                  |                             |                                  |
| Year 7 • Calculate volumes of rectangular prisms (ACMMG160)  Language of time Year 4 • Use 'am' and 'pm' notation and solve simple time problems (ACMMG086) Year 5 • Compare 12- and 24-hour time systems and convert between them (ACMMG110)  A: Analogue time 7A: Analogue time 7B: Digital time 7C: Units of time 7C: Units of time 7E: 24-Hour time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Connect volume and capacity and their units of             |                                 |                  |                             |                                  |
| ◆ Calculate volumes of rectangular prisms (ACMMG160)ModeModeLanguage of time<br>Year 47A: Telling the time<br>7B: AM and PM<br>7C: Time calculations<br>7C: Time calculations<br>7F: Timetables7A: Analogue time<br>7B: Digital time<br>7C: Units of time<br>7E: 24-Hour timeYear 5Compare 12- and 24-hour time systems and convert<br>between them (ACMMG110)7A: Analogue time<br>7B: Digital time<br>7C: Units of time<br>7E: 24-Hour time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | measurement (ACMMG138)                                     |                                 |                  |                             |                                  |
| Language of time7A: Telling the time7A: Analogue timeYear 47B: AM and PM7B: Digital time• Use 'am' and 'pm' notation and solve simple time problems (ACMMG086)7C: Time calculations7C: Units of timeYear 57E: 24-Hour time• Compare 12- and 24-hour time systems and convert between them (ACMMG110)4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Year 7                                                     |                                 |                  |                             |                                  |
| Year 4  Use 'am' and 'pm' notation and solve simple time problems (ACMMG086)  Year 5  Compare 12- and 24-hour time systems and convert between them (ACMMG110)  TB: Digital time 7C: Units of time 7C: Units of time 7E: 24-Hour time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Calculate volumes of rectangular prisms (ACMMG160)         |                                 |                  |                             |                                  |
| <ul> <li>Use 'am' and 'pm' notation and solve simple time problems (ACMMG086)</li> <li>Year 5</li> <li>Compare 12- and 24-hour time systems and convert between them (ACMMG110)</li> <li>7C: Time calculations 7C: Units of time 7E: 24-Hour time 9</li> <li>TE: 24-Hour time 9</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Language of time                                           |                                 |                  |                             |                                  |
| problems (ACMMG086) Year 5  Compare 12- and 24-hour time systems and convert between them (ACMMG110)  7F: Timetables 7E: 24-Hour time 17F: Timetables 7E: 24-Hour time 17F: Timetables 7F: Timetables 7F: Timetables 7F: Timetables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            |                                 | 1                |                             |                                  |
| Year 5  • Compare 12- and 24-hour time systems and convert between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                 |                  |                             |                                  |
| • Compare 12- and 24-hour time systems and convert between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            | 7F: Timetables                  | 7E: 24-Hour time |                             |                                  |
| between them (ACMMG110)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Year 5                                                     |                                 |                  |                             |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            |                                 |                  |                             |                                  |
| The transfer of the second sec |                                                            |                                 |                  |                             |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Units of time                                              | 7D: Units of time               |                  |                             |                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Year 4                                                     | 7E: Converting units            |                  |                             |                                  |
| • Convert between units of time (ACMMG085)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Convert between units of time (ACMMG085)                   |                                 |                  |                             |                                  |

Year Level

|                                                                                                      | Year Level                                    |                             |                                      |                                 |  |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------|--------------------------------------|---------------------------------|--|
| Subtopic                                                                                             | 4                                             | 5                           | 6                                    | 7                               |  |
| Applications of time                                                                                 |                                               |                             | 7E: Timetables                       |                                 |  |
| Year 6                                                                                               |                                               |                             |                                      |                                 |  |
| Interpret and use timetables (ACMMG139)                                                              |                                               |                             |                                      |                                 |  |
| Shape                                                                                                |                                               |                             |                                      |                                 |  |
| Comparing shapes                                                                                     | 8A: Area                                      |                             |                                      |                                 |  |
| Year 4                                                                                               | 8B: Estimating area                           |                             |                                      |                                 |  |
| Compare the areas of regular and irregular shapes by      (ACM ACCOST)                               | OC: Drawarting of shares                      |                             |                                      |                                 |  |
| <ul><li>informal means (ACMMG087)</li><li>Compare and describe two dimensional shapes that</li></ul> | 9C: Properties of shapes 9D: Composite shapes |                             |                                      |                                 |  |
| result from combining and splitting common shapes,                                                   | 9E: Describing composite shapes               |                             |                                      |                                 |  |
| with and without the use of digital technologies                                                     | Ser Describing composite shapes               |                             |                                      |                                 |  |
| (ACMMG088)                                                                                           |                                               |                             |                                      |                                 |  |
| Drawing and representing shapes                                                                      |                                               | 4F: Solids                  | 4D: Solids                           | 18A: Drawing rectangular solids |  |
| Year 5                                                                                               |                                               | 4G: Drawing solids          | 4E: Constructing Solids              | 18B: Views of solids            |  |
| Connect three-dimensional objects with their nets and                                                |                                               | 4H: Constructing solids     |                                      |                                 |  |
| other two-dimensional representations (ACMMG111)                                                     |                                               |                             |                                      |                                 |  |
| Year 6                                                                                               |                                               |                             |                                      |                                 |  |
| <ul> <li>Construct simple prisms and pyramids (ACMMG140)</li> <li>Year 7</li> </ul>                  |                                               |                             |                                      |                                 |  |
| Draw different views of prisms and solids formed from                                                |                                               |                             |                                      |                                 |  |
| combinations of prisms (ACMMG161)                                                                    |                                               |                             |                                      |                                 |  |
| Location and transformation                                                                          |                                               |                             |                                      |                                 |  |
| Using maps                                                                                           | 14A: Describing position                      | 13A: Position               |                                      |                                 |  |
| Year 4                                                                                               | 14B: Legends                                  | 13B: Map references         |                                      |                                 |  |
| Use simple scales, legends and directions to interpret                                               | 14C: Scale                                    | 13C: Finding points         |                                      |                                 |  |
| information contained in basic maps (ACMMG090)                                                       |                                               | 13D: Compass points         |                                      |                                 |  |
| Year 5                                                                                               |                                               |                             |                                      |                                 |  |
| Use a grid reference system to describe locations.                                                   |                                               |                             |                                      |                                 |  |
| Describe routes using landmarks and directional                                                      |                                               |                             |                                      |                                 |  |
| language (ACMMG113) Introduction to transformations                                                  | 10A: Line symmetry                            |                             |                                      |                                 |  |
| Year 4                                                                                               | 10B: Patterns                                 |                             |                                      |                                 |  |
| Create symmetrical patterns, pictures and shapes with                                                |                                               |                             |                                      |                                 |  |
| and without digital technologies (ACMMG091)                                                          |                                               |                             |                                      |                                 |  |
| Transformations of two-dimensional shapes                                                            |                                               | 14A: Reflections            | 15A: Translations                    |                                 |  |
| Year 5                                                                                               |                                               | 14B: Line symmetry          | 15B: Reflections                     |                                 |  |
| Describe translations, reflections and rotations of two-                                             |                                               | 14C: Translations           | 15C: Rotations                       |                                 |  |
| dimensional shapes. Identify line and rotational                                                     |                                               | 14D: Rotations              | 15D: Combinations of transformations |                                 |  |
| <ul><li>symmetries (ACMMG114)</li><li>Apply the enlargement transformation to familiar two</li></ul> |                                               | 14E: Enlarging and reducing |                                      |                                 |  |
| dimensional shapes and explore the properties of the                                                 |                                               |                             |                                      |                                 |  |
| resulting image compared with the original                                                           |                                               |                             |                                      |                                 |  |
| (ACMMG115)                                                                                           |                                               |                             |                                      |                                 |  |
| Year 6                                                                                               |                                               |                             |                                      |                                 |  |
| Investigate combinations of translations, reflections and                                            |                                               |                             |                                      |                                 |  |
| rotations, with and without the use of digital                                                       |                                               |                             |                                      |                                 |  |
| technologies (ACMMG142)                                                                              |                                               |                             |                                      |                                 |  |

|                                                                                                                                                                                                                |                             | Yea                     | r Level                                                             |                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Subtopic                                                                                                                                                                                                       | 4                           | 5                       | 6                                                                   | 7                                                                                           |
| Transformations on the Cartesian plane Year 6                                                                                                                                                                  |                             |                         | 13C: Coordinates 13D: Positive and negative coordinates 13E: Scales | 17A: Translations 17B: Reflections and line symmetry 17C: Rotations and rotational symmetry |
| <ul> <li>Introduce the Cartesian coordinate system using all four<br/>quadrants (ACMMG143)</li> <li>Year 7</li> </ul>                                                                                          |                             |                         | 13F: Direction                                                      | 17D: Combinations of transformations                                                        |
| Describe translations, reflections in an axis and rotations of multiples of 90° on the Cartesian plane using coordinates. Identify line and rotational symmetries (ACMMG181)                                   |                             |                         |                                                                     |                                                                                             |
| Geometric reasoning                                                                                                                                                                                            |                             |                         | 1                                                                   |                                                                                             |
| Introduction to angles                                                                                                                                                                                         | 9A: Right angles            | 3A: Angles              | 2B: Angles                                                          |                                                                                             |
| Year 4                                                                                                                                                                                                         | 9B: Other angles            | 3B: Measuring angles    | 2C: Angles at a point or on a line                                  |                                                                                             |
| <ul> <li>Compare angles and classify them as equal to, greater<br/>than, or less than, a right angle (ACMMG089)</li> <li>Year 5</li> </ul>                                                                     |                             | 3C: Constructing angles | 2D: Vertically opposite angles                                      |                                                                                             |
| <ul> <li>Estimate, measure and compare angles using degrees.</li> <li>Construct angles using a protractor (ACMMG112)</li> <li>Year 6</li> </ul>                                                                |                             |                         |                                                                     |                                                                                             |
| <ul> <li>Investigate, with and without digital technologies,<br/>angles on a straight line, angles at a point and vertically<br/>opposite angles. Use results to find unknown angles<br/>(ACMMG141)</li> </ul> |                             |                         |                                                                     |                                                                                             |
| Parallel lines                                                                                                                                                                                                 |                             |                         |                                                                     | 2A: Points and lines                                                                        |
| Year 7                                                                                                                                                                                                         |                             |                         |                                                                     | 2C: Angle properties                                                                        |
| Identify corresponding, alternate and co-interior angles                                                                                                                                                       |                             |                         |                                                                     | 2D: Angle pairs                                                                             |
| when two straight lines are crossed by a transversal (ACMMG163)                                                                                                                                                |                             |                         |                                                                     | 2E: Parallel lines 2F: Geometric construction                                               |
| Investigate conditions for two lines to be parallel and                                                                                                                                                        |                             |                         |                                                                     |                                                                                             |
| solve simple numerical problems using reasoning (ACMMG164)                                                                                                                                                     |                             |                         |                                                                     |                                                                                             |
| Properties of triangles and quadrilaterals                                                                                                                                                                     |                             |                         |                                                                     | 10B: Triangles                                                                              |
| Year 7                                                                                                                                                                                                         |                             |                         |                                                                     | 10C: Angles of a triangle                                                                   |
| Classify triangles according to their side and angle     Transportion and describe any drileton la (ACMANGACT)                                                                                                 |                             |                         |                                                                     | 10D: Isosceles triangles 10E: Quadrilaterals                                                |
| <ul> <li>properties and describe quadrilaterals (ACMMG165)</li> <li>Demonstrate that the angle sum of a triangle is 180° and</li> </ul>                                                                        |                             |                         |                                                                     | 10F: Angles of a quadrilateral                                                              |
| use this to find the angle sum of a quadrilateral                                                                                                                                                              |                             |                         |                                                                     | Tor. Angles of a quadrilateral                                                              |
| (ACMMG166)                                                                                                                                                                                                     |                             |                         |                                                                     |                                                                                             |
| Statistics and probability                                                                                                                                                                                     |                             |                         |                                                                     |                                                                                             |
| Chance                                                                                                                                                                                                         |                             |                         |                                                                     |                                                                                             |
| Describing probability                                                                                                                                                                                         | 11A: Describing probability |                         |                                                                     |                                                                                             |
| Year 4                                                                                                                                                                                                         | 11B: 50-50 chance           |                         |                                                                     |                                                                                             |
| <ul> <li>Describe possible everyday events and order their<br/>chances of occurring (ACMSP092)</li> </ul>                                                                                                      | 11C: Predicting outcomes    |                         |                                                                     |                                                                                             |
| <ul> <li>Identify everyday events where one cannot happen if<br/>the other happens (ACMSP093)</li> </ul>                                                                                                       |                             |                         |                                                                     |                                                                                             |
| Identify events where the chance of one will not be                                                                                                                                                            |                             |                         |                                                                     |                                                                                             |
| affected by the occurrence of the other (ACMSP094)                                                                                                                                                             |                             |                         |                                                                     |                                                                                             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Year Level                              |                                                                                   |                                                                        |                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------|--|
| Subtopic                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                       | 5                                                                                 | 6                                                                      | 7                                                                    |  |
| Numerical representations of probability  Year 5  List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions (ACMSP116)  Recognise that probabilities range from 0 to 1 (ACMSP117)  Year 6  Describe probabilities using fractions, decimals and percentages (ACMSP144)  Year 7  Assign probabilities to the outcomes of events and determine probabilities for events (ACMSP168) |                                         | 11A: Describing probability 11B: Possible outcomes 11C: Calculating probabilities | 12B: Assigning numbers to probabilities 12D: Calculating probabilities | 15B: Assigning numbers to probabilities 15D: Theoretical probability |  |
| <ul> <li>Simple chance experiments         Year 6         <ul> <li>Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies (ACMSP145)</li> <li>Compare observed frequencies across experiments with expected frequencies (ACMSP146)</li> <li>Year 7</li> <li>Construct sample spaces for single-step experiments with equally likely outcomes (ACMSP167)</li> </ul> </li> </ul>                      |                                         |                                                                                   | 12C: Possible outcomes 12D: Calculating probabilities                  | 15A: Describing probability 15C: Sample space                        |  |
| Data representation and interpretation                                                                                                                                                                                                                                                                                                                                                                                                                     | T                                       | T                                                                                 | I                                                                      |                                                                      |  |
| <ul> <li>Data collection</li> <li>Year 4</li> <li>Select and trial methods for data collection, including survey questions and recording sheets (ACMSP095)</li> <li>Year 5</li> <li>Pose questions and collect categorical or numerical data by observation or survey (ACMSP118)</li> </ul>                                                                                                                                                                | 12A: Collecting and recording data      | 15C: Collecting categorical data 15D: Numerical data                              |                                                                        |                                                                      |  |
| <ul> <li>Analysis of data collection methods</li> <li>Year 7</li> <li>Identify and investigate issues involving numerical data collected from primary and secondary sources (ACMSP169)</li> </ul>                                                                                                                                                                                                                                                          |                                         |                                                                                   |                                                                        | 16A: Data collection<br>16C: Numerical data                          |  |
| <ul> <li>Data representation         Year 4         <ul> <li>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)</li></ul></li></ul>                                                                                                                                            | 12B: Displaying data 12C: Column graphs | 15B: Displaying categorical data 15D: Numerical data                              |                                                                        | 16B: Categorical data 16C: Numerical data                            |  |

|                                                                                                                                                           | Year Level           |                                  |                                         |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------|-----------------------------------------|--------------------------------------|
| Subtopic                                                                                                                                                  | 4                    | 5                                | 6                                       | 7                                    |
| Interpretation of data displays                                                                                                                           | 12B: Displaying data | 15A: Categorical data            | 14A: Categorical data                   |                                      |
| Year 4                                                                                                                                                    | 12C: Column graphs   | 15B: Displaying categorical data | 14B: Graphs of categorical data         |                                      |
| Evaluate the effectiveness of different displays in                                                                                                       |                      | 15D: Numerical data              | 14C: Comparing categorical data         |                                      |
| illustrating data features including variability (ACMSP097)                                                                                               |                      |                                  | 14D: Pictographs<br>14E: Numerical data |                                      |
| Year 5                                                                                                                                                    |                      |                                  |                                         |                                      |
| <ul> <li>Describe and interpret different data sets in context<br/>(ACMSP120)</li> </ul>                                                                  |                      |                                  |                                         |                                      |
| Year 6                                                                                                                                                    |                      |                                  |                                         |                                      |
| <ul> <li>Interpret and compare a range of data displays,<br/>including side-by-side column graphs for two categorical<br/>variables (ACMSP147)</li> </ul> |                      |                                  |                                         |                                      |
| <ul> <li>Interpret secondary data presented in digital media and<br/>elsewhere (ACMSP148)</li> </ul>                                                      |                      |                                  |                                         |                                      |
| Measures of location and spread                                                                                                                           |                      |                                  |                                         | 16B: Categorical data                |
| Year 7                                                                                                                                                    |                      |                                  |                                         | 16C: Numerical data                  |
| Calculate mean, median, mode and range for sets of                                                                                                        |                      |                                  |                                         | 16D: Measuring the centre and spread |
| data. Interpret these statistics in the context of data (ACMSP171)                                                                                        |                      |                                  |                                         |                                      |
| <ul> <li>Describe and interpret data displays using median, mean<br/>and range (ACMSP172)</li> </ul>                                                      |                      |                                  |                                         |                                      |