Prep–Year 10 Mathematics

Australian Curriculum Version 9.0: Sequence of achievement standard aspects and related content descriptions

This resource provides a sequence of achievement standards with related content descriptions for Prep-Year 10 Mathematics, separated into aspects and organised by the elements and sub-elements of the Numeracy general capability.

By aligning aspects of the achievement standards to the Numeracy progression, teachers can see a logical sequence of mathematical concepts from Prep-Year 10. The inclusion of the content descriptions in the following table aligns each aspect of the achievement standard with the essential knowledge, understanding and skills that should be taught.

This supports teachers to:

- plan for the range of student abilities within a single year level
- determine appropriate curriculum access points for students working above or below year level •
- plan teaching, learning and assessment for students in multi-age classrooms. ٠

The following key has been used to help teachers identify the sub-strand for each content description.

| Key | Number | Algebra | Measurement | <u>Space</u> | <u>Statistics</u> | Probability |
|-----|--------|---------|-------------|--------------|-------------------|-------------|
|-----|--------|---------|-------------|--------------|-------------------|-------------|

* indicates duplicated achievement standard aspect

| | Prep | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|--|---|---|--|---|--|---|---|--|---|---|--|
| | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: |
| Number sense and algebra Number and place value | make connections between number names, numerals and position in the sequence of numbers from zero to at least 20 AC9MFN01 partition and combine collections up to 10 in different ways, representing these with numbers* AC9MFN02 AC9MFN04 compare the size of collections to at least 20* AC9MFN03 represent practical situations that involve quantifying, equal sharing, adding to and taking away from collections to at least 10* AC9MFN03 AC9MFN05 AC9MFN05 AC9MFN06 use subitising and counting strategies to quantify collections* AC9MFN05 collections* AC9MFN05 collect, sort and compare data in response to questions in familiar contexts* AC9MFN03 AC9MFN03 AC9MFN04 AC9MFN05 | connect number names, numerals and quantities, and order numbers to at least 120 AC9M1N01 demonstrate how one- and two-digit numbers can be partitioned in different ways and that two-digit numbers can be partitioned into tens and ones* AC9M1N02 AC9M1N04 partition collections into equal groups and skip count in twos, fives or tens to quantify collections to at least 120* AC9M1N03 solve problems involving addition and subtraction of numbers to 20 and use mathematical modelling to solve practical problems involving addition, subtraction, equal sharing and grouping, using calculation strategies* AC9M1N05 AC9M1N05 AC9M1N06 collect and record categorical data, create one-to-one displays, and compare and discuss the data using frequencies* AC9M1N01 | order and represent numbers to at least 1000, apply knowledge of place value to partition, rearrange and rename two- and three- digit numbers in terms of their parts, and regroup partitioned numbers to assist in calculations* <u>AC9M2N01</u> <u>AC9M2N02</u> <u>AC9M2N05</u> use mathematical modelling to solve practical additive and multiplicative problems, including money transactions, representing the situation and choosing calculation strategies* <u>AC9M2N04</u> <u>AC9M2N05</u> <u>AC9M2N06</u> recall and demonstrate proficiency with addition and subtraction facts within 20 and multiplication facts for twos* <u>AC9M2N04</u> <u>AC9M2N04</u> <u>AC9M2N04</u> <u>AC9M2N04</u> <u>AC9M2N04</u> | order and represent natural numbers beyond 10 000 AC9M3N01 partition, rearrange and regroup two- and three-digit numbers in different ways to assist in calculations* AC9M3N03 AC9M3A01 AC9M3M06 extend and use single-digit addition and related subtraction facts and apply additive strategies to model and solve problems involving two- and three- digit numbers* AC9M3N03 AC9M3N06 AC9M3N06 AC9M3A02 use mathematical modelling to solve practical problems involving single-digit multiplication and division, recalling multiplication facts for twos, threes, fours, fives and tens, and using a range of strategies* AC9M3N06 AC9M3A03 make estimates and determine the reasonableness of financial and other calculations* AC9M3N06 AC9M3N05 AC9M3N06 | use their understanding of place value to represent tenths and hundredths in decimal form and to multiply natural numbers by multiples of 10* <u>AC9M4N01</u> <u>AC9M4N05</u> use mathematical modelling to solve financial and other practical problems, formulating the problem using number sentences, solving the problem choosing efficient strategies and interpreting results in terms of the situation* <u>AC9M4N06</u> <u>AC9M4N08</u> use their proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently* <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N03</u> choose rounding and estimation strategies to | use place value to write and order decimals including decimals greater than one AC9M5N01 represent common percentages and connect them to their fraction and decimal equivalents* AC9M5N04 | use integers to represent points on a number line and in the Cartesian plane* <u>AC9M6N01</u> <u>AC9M6SP02</u> use all 4 operations with decimals and connect decimal representations of measurements to the metric system* <u>AC9M6N04</u> <u>AC9M6N06</u> <u>AC9M6N06</u> <u>AC9M6N07</u> <u>AC9M6N04</u> <u>AC9M6N06</u> <u>AC9M6N06</u> <u>AC9M6N07</u> <u>AC9M6N07</u> <u>AC9M6N07</u> <u>AC9M6N08</u> locate an ordered pair in any one of the 4 quadrants on the Cartesian plane* <u>AC9M6N01</u> <u>AC9M6N01</u> | represent natural numbers in expanded form and as products of prime factors, using exponent notation* AC9M7N02 AC9M7N03 solve problems involving addition and subtraction of integers* AC9M7N07 use all 4 operations in calculations involving positive fractions and decimals, choosing efficient calculation strategies* AC9M7N06 choose between equivalent representations of rational numbers and percentages to assist in calculations* AC9M7N06 use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* AC9M7N06 AC9M7N06 AC9M7N06 AC9M7N08 AC9M7N08 AC9M7N09 AC9M7N09 AC9M7N09 | recognise irrational numbers and terminating or recurring decimals* AC9M8N01 AC9M8N03 AC9M8N03 Solve problems involving the 4 operations with integers and positive rational numbers* AC9M8N04 use mathematical modelling to solve practical problems involving ratios, percentages and rates in measurement and financial contexts* AC9M8N05 AC9M8N05 AC9M8N05 AC9M8N07 use appropriate metric units when solving measurement problems involving the perimeter and area of composite shapes, and volume of right prisms* AC9M8N02 use formulas to solve problems involving the area and circumference of circles* AC9M8N03 | express small and large numbers in scientific notation* <u>AC9M9M02</u> recognise and use rational and irrational numbers to solve problems* <u>AC9M9N01</u> | This aspect of the achievement standard concludes in Year 9. |

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| | Prep Students: | Year 1 Students: | Year 2 Students: | Year 3 Students: | Year 4 Students: | Year 5 Students: | Year 6 Students: | Year 7 Students: | Year 8 Students: |
|---------------------|---|---|---|---|--|--|--|--|---|
| | | AC9M1ST01 AC9M1ST02 | | AC9M3M01 AC9M3M06 create algorithms to investigate numbers and explore simple patterns* AC9M3N07 | determine whether results of calculations are reasonable* <u>AC9M4N07</u> | | | | |
| Counting processes | partition and combine collections up to 10 in different ways, representing these with numbers* <u>AC9MFN02</u> <u>AC9MFN04</u> compare the size of collections to at least 20* <u>AC9MFN03</u> represent practical situations that involve quantifying, equal sharing, adding to and taking away from collections to at least 10* <u>AC9MFN03</u> <u>AC9MFN05</u> <u>AC9MFN06</u> use subitising and counting strategies to quantify collections* <u>AC9MFN05</u> <u>AC9MFN05</u> <u>AC9MFN05</u> <u>AC9MFN05</u> collect, sort and compare data in response to questions in familiar contexts* <u>AC9MFN03</u> <u>AC9MFN03</u> <u>AC9MFST01</u> | partition collections into equal groups and skip count in twos, fives or tens to quantify collections to at least 120* <u>AC9M1N03</u> use numbers, symbols and objects to create skip counting and repeating patterns, identifying the repeating unit* <u>AC9M1A01</u> <u>AC9M1A02</u> measure the length of shapes and objects using uniform informal units* <u>AC9M1M02</u> collect and record categorical data, create one-to-one displays, and compare and discuss the data using frequencies* <u>AC9M1N01</u> <u>AC9M1ST01</u> <u>AC9M1ST01</u> <u>AC9M1ST02</u> | determine the number of days between events using a calendar and read time on an analog clock to the hour, half hour and quarter hour* <u>AC9M2M03</u> <u>AC9M2M04</u> | partition, rearrange and regroup two- and three-digit numbers in different ways to assist in calculations* <u>AC9M3N03</u> <u>AC9M3A01</u> <u>AC9M3M06</u> | count and represent fractions on a number line* <u>AC9M4N04</u> | conduct repeated chance experiments, list the possible outcomes, estimate likelihoods and make comparisons between those with and without equally likely outcomes* AC9M5P01 AC9M5P02 | This aspect of the achievement | ent standard concludes in Year | 5. |
| Additive strategies | represent practical situations that involve quantifying, equal sharing, adding to and taking away from collections to at least 10* <u>AC9MFN03</u> <u>AC9MFN06</u> use subitising and counting strategies to quantify collections* <u>AC9MFN02</u> <u>AC9MFN03</u> <u>AC9MFN04</u> <u>AC9MFN05</u> | demonstrate how one- and two-digit numbers can be partitioned in different ways and that two-digit numbers can be partitioned into tens and ones* <u>AC9M1N02</u> <u>AC9M1N04</u> solve problems involving addition and subtraction of numbers to 20 and use mathematical modelling to solve practical problems involving addition, subtraction, equal sharing and grouping, using calculation strategies* <u>AC9M1N04</u> <u>AC9M1N05</u> <u>AC9M1N06</u> | order and represent numbers to at least 1000, apply knowledge of place value to partition, rearrange and rename two- and three- digit numbers in terms of their parts, and regroup partitioned numbers to assist in calculations* <u>AC9M2N01</u> <u>AC9M2N02</u> <u>AC9M2N04</u> <u>AC9M2N05</u> use mathematical modelling to solve practical additive and multiplicative problems, including money transactions, representing the situation and choosing calculation strategies* <u>AC9M2N06</u> <u>AC9M2N06</u> describe and continue patterns that increase and decrease additively by a constant amount and identify missing elements in the pattern* <u>AC9M2A01</u> | partition, rearrange and regroup two- and three-digit numbers in different ways to assist in calculations* <u>AC9M3N03</u> <u>AC9M3A01</u> <u>AC9M3A06</u> extend and use single-digit addition and related subtraction facts and apply additive strategies to model and solve problems involving two- and three- digit numbers* <u>AC9M3N03</u> <u>AC9M3N06</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N05</u> <u>AC9M3N06</u> <u>AC9M3M06</u> use mathematical modelling to solve practical problems involving single-digit multiplication and division, recalling multiplication facts for twos, threes, fours, fives | use mathematical modelling to solve financial and other practical problems, formulating the problem using number sentences, solving the problem choosing efficient strategies and interpreting results in terms of the situation* <u>AC9M4N08</u> use their proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently* <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N08</u> <u>AC9M4N09</u> foldow and create algorithms that generate sets of numbers and identify emerging patterns* <u>AC9M4N09</u> find unknown values in numerical equations involving addition and subtraction* <u>AC9M4A01</u> | order and represent, add and subtract fractions with the same or related denominators* <u>AC9M5N03</u> <u>AC9M5N05</u> use mathematical modelling to solve financial and other practical problems, formulating and solving problems, choosing arithmetic operations and interpreting results in terms of the situation* <u>AC9M5N07</u> <u>AC9M5N09</u> | solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages* <u>AC9M6N04</u> <u>AC9M6N06</u> <u>AC9M6N07</u> <u>AC9M6N08</u> use mathematical modelling to solve financial and other practical problems involving percentages and rational numbers, formulating and solving the problem, and justifying choices* <u>AC9M6N09</u> use all 4 operations with decimal representations of measurements to the metric system* <u>AC9M6N06</u> <u>AC9M6N01</u> order common fractions, giving reasons, and add | solve problems involving addition and subtraction of integers* AC9M7N07 represent natural numbers in expanded form and as products of prime factors, using exponent notation* AC9M7N02 AC9M7N03 use all 4 operations in calculations involving positive fractions and decimals, choosing efficient calculation strategies* AC9M7N05 AC9M7N06 choose between equivalent representations of rational numbers and percentages to assist in calculations* AC9M7N06 use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* AC9M7N04 | solve problems invo the 4 operations wi integers and positiv rational numbers* AC9M8N04 use mathematical modelling to solve p problems involving percentages and ra measurement and t contexts* AC9M8N04 AC9M8N05 AC9M8M05 AC9M8M05 AC9M8M07 use appropriate me units when solving measurement prob involving the perima area of composite s and volume of right AC9M8M04 AC9M8M04 AC9M8M04 AC9M8M03 |

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| s involving ns with positive ers* tical olve practical olving ratios, and rates in | This aspect of the achieveme Year 8. | nt standard concludes in |
| and financial | | |
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| te metric lving problems perimeter and psite shapes, f right prisms* | | |
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| | Prep | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---------------------------|--|---|--|--|---|--|--|---|--|---|--|
| | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: |
| | | | recall and demonstrate proficiency with addition and subtraction facts within 20 and multiplication facts for twos* <u>AC9M2N04</u> <u>AC9M2A02</u> <u>AC9M2A03</u> | and tens, and using a range of strategies* <u>AC9M3N04</u> <u>AC9M3A03</u> find unknown values in number sentences involving addition and subtraction* <u>AC9M3A01</u> | | | and subtract fractions with related denominators* <u>AC9M6N03</u> find unknown values in numerical equations involving combinations of arithmetic operations* <u>AC9M6A02</u> | AC9M7N06 AC9M7N08 AC9M7N09 AC9M7M06 | | | - |
| Multiplicative strategies | represent practical situations that involve quantifying, equal sharing, adding to and taking away from collections to at least 10* <u>AC9MFN03</u> <u>AC9MFN05</u> <u>AC9MFN06</u> | solve problems involving addition and subtraction of numbers to 20 and use mathematical modelling to solve practical problems involving addition, subtraction, equal sharing and grouping, using calculation strategies* <u>AC9M1N04</u> <u>AC9M1N05</u> <u>AC9M1N06</u> | order and represent numbers to at least 1000, apply knowledge of place value to partition, rearrange and rename two- and three- digit numbers in terms of their parts, and regroup partitioned numbers to assist in calculations* <u>AC9M2N01</u> <u>AC9M2N02</u> <u>AC9M2N04</u> <u>AC9M2N05</u> use mathematical modelling to solve practical additive and multiplicative problems, including money transactions, representing the situation and choosing calculation strategies* <u>AC9M2N04</u> <u>AC9M2N05</u> <u>AC9M2N06</u> recall and demonstrate proficiency with addition and subtraction facts within 20 and multiplication facts for twos* <u>AC9M2N04</u> <u>AC9M2N04</u> <u>AC9M2A02</u> <u>AC9M2A03</u> | use mathematical modelling to solve practical problems involving single-digit multiplication and division, recalling multiplication facts for twos, threes, fours, fives and tens, and using a range of strategies* <u>AC9M3N04</u> <u>AC9M3A03</u> | use their proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently* <u>AC9M4N08</u> <u>AC9M4N02</u> use the properties of odd and even numbers <u>AC9M4N02</u> use their understanding of place value to represent tenths and hundredths in decimal form and to multiply natural numbers by multiples of 10* <u>AC9M4N05</u> use mathematical modelling to solve financial and other practical problems, formulating the problem using number sentences, solving the problem choosing efficient strategies and interpreting results in terms of the situation* <u>AC9M4N06</u> <u>AC9M4N08</u> follow and create algorithms that generate sets of numbers and identify emerging patterns* <u>AC9M4N09</u> | express natural numbers as products of factors and identify multiples AC9M5N02 use their proficiency with multiplication facts and efficient calculation strategies to multiply large numbers by one- and two- digit numbers and divide by single-digit numbers* AC9M5N06 AC9M5N07 AC9M5N07 AC9M5A01 use mathematical modelling to solve financial and other practical problems, formulating and solving problems, choosing arithmetic operations and interpreting results in terms of the situation* AC9M5N09 apply properties of numbers and operations to find unknown values in numerical equations involving multiplication and division* AC9M5A01 AC9M5A02 create and use algorithms to identify and explain patterns in the factors and multiples of numbers* AC9M5N010 | solve problems using the properties of prime, composite and square numbers AC9M6N02 solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages* AC9M6N04 AC9M6N06 AC9M6N07 AC9M6N08 use mathematical modelling to solve financial and other practical problems involving percentages and rational numbers, formulating and solving the problem, and justifying choices* AC9M6N09 use all 4 operations with decimal representations of measurements to the metric system* AC9M6N01 find unknown values in numerical equations involving combinations of arithmetic operations* AC9M6A02 | solve problems involving squares of numbers and square roots of perfect square numbers AC9M7N01 represent natural numbers in expanded form and as products of prime factors, using exponent notation* AC9M7N02 AC9M7N03 use all 4 operations in calculations involving positive fractions and decimals, choosing efficient calculation strategies* AC9M7N05 AC9M7N06 choose between equivalent representations of rational numbers and percentages to assist in calculations* AC9M7N06 use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* AC9M7N06 AC9M7N06 AC9M7N08 AC9M7N08 AC9M7N09 AC9M7N09 | apply the exponent laws to calculations with numbers involving positive integer exponents AC9M8N02 solve problems involving the 4 operations with integers and positive rational numbers* AC9M8N04 use mathematical modelling to solve practical problems involving ratios, percentages and rates in measurement and financial contexts* AC9M8N05 AC9M8N05 AC9M8N05 AC9M8M07 use appropriate metric units when solving measurement problems involving the perimeter and area of composite shapes, and volume of right prisms* AC9M8N01 AC9M8M01 AC9M8M02 use formulas to solve problems involving the area and circumference of circles* AC9M8N03 use Pythagoras' theorem to solve measurement problems involving unknown lengths of right- angle triangles* AC9M8M06 | extend and apply the exponent laws with positive integers to variables <u>AC9M9A01</u> express small and large numbers in scientific notation* <u>AC9M9M02</u> | interpret and use logarithmic scales representing small or large quantities or change in applied contexts <u>AC9M10M02</u> identify the impact of measurement errors on the accuracy of results* <u>AC9M10M04</u> |
| Interpreting fractions | This aspect of the achievem | ent standard begins in Year 2. | identify and represent part- whole relationships of halves, quarters and eighths in measurement contexts* <u>AC9M2N03</u> <u>AC9M2M04</u> <u>AC9M2M05</u> determine the number of days between events using a calendar and read time on an analog clock to the hour, half hour and quarter hour* <u>AC9M2M03</u> <u>AC9M2M04</u> | represent unit fractions and their multiples in different ways <u>AC9M3N02</u> | recognise equivalent fractions and make connections between fraction and decimal notations* AC9M4N01 AC9M4N03 count and represent fractions on a number line* AC9M4N04 | order and represent, add and subtract fractions with the same or related denominators* <u>AC9M5N03</u> <u>AC9M5N05</u> represent common percentages and connect them to their fraction and decimal equivalents* <u>AC9M5N04</u> use their proficiency with multiplication facts and efficient calculation strategies to multiply large numbers by one- and two- digit numbers and divide by single-digit numbers* | order common fractions, giving reasons, and add and subtract fractions with related denominators* AC9M6N03 AC9M6N05 solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages* AC9M6N04 AC9M6N06 AC9M6N07 AC9M6N08 | use all 4 operations in calculations involving positive fractions and decimals, choosing efficient calculation strategies* <u>AC9M7N05</u> AC9M7N06 choose between equivalent representations of rational numbers and percentages to assist in calculations* <u>AC9M7N04</u> <u>AC9M7N04</u> <u>AC9M7N04</u> use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other | solve problems involving the 4 operations with integers and positive rational numbers* <u>AC9M8N04</u> use mathematical modelling to solve practical problems involving ratios, percentages and rates in measurement and financial contexts* <u>AC9M8N04</u> <u>AC9M8N04</u> <u>AC9M8N05</u> <u>AC9M8M05</u> <u>AC9M8M05</u> <u>AC9M8M07</u> use appropriate metric units when solving measurement problems | recognise and use rational and irrational numbers to solve problems* AC9M9N01 | This aspect of the achievement standard concludes in Year 9. |

| | Prep Students: | Year 1 Students: | Year 2 Students: | Year 3 Students: | Year 4 Students: | Year 5 Students: | Year 6 Students: | Year 7 Students: | Year 8 Students: | Year 9 Students: | Year 10 Students: |
|--|---|--|---|--|--|---|--|---|--|---|--|
| | | | | | | AC9M5N06 AC9M5N07 AC9M5A01 use mathematical modelling to solve financial and other practical problems, formulating and solving problems, choosing arithmetic operations and interpreting results in terms of the situation* AC9M5N07 AC9M5N09 | use mathematical modelling to solve financial and other practical problems involving percentages and rational numbers, formulating and solving the problem, and justifying choices* | applied contexts, justifying choices of representation* <u>AC9M7N04</u> <u>AC9M7N06</u> <u>AC9M7N08</u> <u>AC9M7N09</u> <u>AC9M7M06</u> | involving the perimeter and area of composite shapes, and volume of right prisms* AC9M8N04 AC9M8M01 AC9M8M02 use formulas to solve problems involving the area and circumference of circles* AC9M8N04 AC9M8M03 | | |
| Proportional thinking | This aspect of the achieveme | ent standard begins in Year 5. | | | | represent common percentages and connect them to their fraction and decimal equivalents* <u>AC9M5N04</u> | assign probabilities using common fractions, decimal and percentages* AC9M6P01 solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages* AC9M6N06 AC9M6N07 AC9M6N08 | use all 4 operations in calculations involving positive fractions and decimals, choosing efficient calculation strategies* <u>AC9M7N05</u> <u>AC9M7N06</u> choose between equivalent representations of rational numbers and percentages to assist in calculations* <u>AC9M7N06</u> use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* <u>AC9M7N06</u> <u>AC9M7N06</u> <u>AC9M7N08</u> <u>AC9M7N08</u> <u>AC9M7N09</u> <u>AC9M7N09</u> | use mathematical modelling to solve practical problems involving ratios, percentages and rates in measurement and financial contexts* <u>AC9M8N05</u> <u>AC9M8M05</u> <u>AC9M8M05</u> use Pythagoras' theorem to solve measurement problems involving unknown lengths of right- angle triangles* <u>AC9M8M06</u> identify conditions for congruency and similarity in shapes and create and test algorithms designed to test for congruency and similarity* <u>AC9M8SP01</u> <u>AC9M8SP04</u> | use mathematical modelling to solve practical problems involving direct proportion, ratio and scale, evaluating the model and communicating their methods and findings* <u>AC9M9M03</u> <u>AC9M9M05</u> <u>AC9M9M05</u> <u>AC9M9SP01</u> apply Pythagoras' theorem and use trigonometric ratios to solve problems involving right-angled triangles* <u>AC9M9M03</u> <u>AC9M9M03</u> <u>AC9M9M03</u> apply the enlargement transformation to images of shapes and objects, and interpret results* <u>AC9M9M02</u> determine percentage errors in measurements* <u>AC9M9M04</u> | use mathematical modelling to solve practical problems involving proportion and scaling, evaluating and modifying models, and reporting assumptions, methods and findings <u>AC9M10M05</u> |
| Number patterns and algebraic thinking | represent practical situations that involve quantifying, equal sharing, | use numbers, symbols and objects to create skip counting and repeating patterns, identifying the repeating unit* <u>AC9M1A01</u> <u>AC9M1A02</u> | describe and continue patterns that increase and decrease additively by a constant amount and identify missing elements in the pattern* <u>AC9M2A01</u> | partition, rearrange and regroup two- and three- digit numbers in different ways to assist in calculations* <u>AC9M3N03</u> <u>AC9M3A01</u> <u>AC9M3M06</u> create algorithms to investigate numbers and explore simple patterns* <u>AC9M3N07</u> find unknown values in number sentences involving addition and subtraction* <u>AC9M3A01</u> make estimates and determine the reasonableness of financial and other calculations* <u>AC9M3N05</u> <u>AC9M3N06</u> <u>AC9M3M01</u> <u>AC9M3M06</u> | find unknown values in numerical equations involving addition and subtraction* <u>AC9M3A01</u> follow and create algorithms that generate sets of numbers and identify emerging patterns* <u>AC9M4N09</u> | apply properties of numbers and operations to find unknown values in numerical equations involving multiplication and division* <u>AC9M5A01</u> <u>AC9M5A02</u> create and use algorithms to identify and explain pattems in the factors and multiples of numbers* <u>AC9M5N010</u> | identify and explain rules used to create growing pattems <u>AC9M6A01</u> find unknown values in numerical equations involving combinations of arithmetic operations* <u>AC9M6A02</u> create and use algorithms to generate sets of numbers, using a rule <u>AC9M6A03</u> | use algebraic expressions to represent situations, describe the relationships between variables from authentic data and substitute values into formulas to determine unknown values* <u>AC9M7A01</u> <u>AC9M7A02</u> <u>AC9M7A04</u> <u>AC9M7A05</u> solve linear equations with natural number solutions <u>AC9M7A03</u> create tables of values related to algebraic expressions and formulas, and describe the effect of variation <u>AC9M7A05</u> <u>AC9M7A05</u> <u>AC9M7A05</u> use formulas for the areas of triangles and parallelograms and the | apply algebraic properties to rearrange, expand and factorise linear expressions <u>AC9M8A01</u> graph linear relations and solve linear equations with rational solutions and one- variable inequalities, graphically and algebraically <u>AC9M8A02</u> use mathematical modelling to solve problems using linear relations, interpreting and reviewing the model in context <u>AC9M8A01</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> <u>AC9M8A02</u> | use mathematical modelling to solve problems involving change in financial and other applied contexts, choosing to use linear and quadratic functions* <u>AC9M9A02</u> <u>AC9M9A04</u> <u>AC9M9A05</u> expand binomial products, and factorise monic quadratic expressions <u>AC9M9A02</u> graph quadratic functions and solve monic quadratic equations with integer roots algebraically <u>AC9M9A02</u> <u>AC9M9A04</u> describe the effects of variation of parameters on functions and relations, using digital tools, and make connections between | use mathematical modelling to solve problems involving growth and decay in financial and other applied situations, applying linear, quadratic and exponential functions as appropriate, and solve related equations, numerically and graphically* <u>AC9M10A01</u> <u>AC9M10A02</u> make and test conjectures involving functions and relations using digital tools <u>AC9M10A05</u> solve problems involving simultaneous linear equations and linear inequalities in 2 variables graphically and justify solutions <u>AC9M10A02</u> |

| | | Prep Students: | Year 1 Students: | Year 2 Students: | Year 3 Students: | Year 4 Students: | Year 5 Students: | Year 6 Students: | Year 7 Students: | Year 8 Students: |
|--|---------------------|---|---|--|---|---|---|--|--|---|
| | | | | | use mathematical modelling to solve practical problems involving single- digit multiplication and division, recalling multiplication facts for twos, threes, fours, fives and tens, and using a range of strategies* <u>AC9M3N04</u> <u>AC9M3N06</u> <u>AC9M3A03</u> extend and use single-digit addition and related subtraction facts and apply additive strategies to model and solve problems involving two- and three- digit numbers* <u>AC9M3N03</u> <u>AC9M3N06</u> <u>AC9M3A02</u> | | | | volumes of rectangular and triangular prisms to solve problems* <u>AC9M7A01</u> <u>AC9M7M01</u> <u>AC9M7M02</u> | |
| | Understanding money | No related achievement standard aspect for Prep. | solve problems involving addition and subtraction of numbers to 20 and use mathematical modelling to solve practical problems involving addition, subtraction, equal sharing and grouping, using calculation strategies* <u>AC9M1N04</u> <u>AC9M1N05</u> <u>AC9M1N06</u> | use mathematical modelling to solve practical additive and multiplicative problems, including money transactions, representing calculation and choosing calculation strategies* <u>AC9M2N04</u> <u>AC9M2N05</u> <u>AC9M2N06</u> | partition, rearrange and regroup two- and three- digit numbers in different ways to assist in calculations* <u>AC9M3N03</u> <u>AC9M3A01</u> <u>AC9M3M06</u> represent money values in different ways <u>AC9M3M06</u> make estimates and determine the reasonableness of financial and other calculations* <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3M06</u> use mathematical modelling to solve practical problems involving single- digit multiplication and division, recalling multiplication facts for twos, threes, fours, fives and tens, and using a range of strategies* <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> | use mathematical modelling to solve financial and other practical problems, formulating the problem using number sentences, solving the problem choosing efficient strategies and interpreting results in terms of the situation* <u>AC9M4N06</u> <u>AC9M4N08</u> use their proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently* <u>AC9M4N06</u> <u>AC9M4N08</u> <u>AC9M4A02</u> | check the reasonableness of their calculations using estimation <u>AC9M5N08</u> use mathematical modelling to solve financial and other practical problems, formulating and solving problems, choosing arithmetic operations and interpreting results in terms of the situation* <u>AC9M5N07</u> <u>AC9M5N09</u> | solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages* <u>AC9M6N06</u> <u>AC9M6N06</u> <u>AC9M6N07</u> <u>AC9M6N08</u> use mathematical modelling to solve financial and other practical problems involving percentages and rational numbers, formulating and solving the problem, and justifying choices* <u>AC9M6N09</u> | use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* <u>AC9M7N06</u> <u>AC9M7N06</u> <u>AC9M7N08</u> <u>AC9M7N08</u> <u>AC9M7N06</u> | use mathematical modelling to solve problems involving percentages and r measurement and contexts* <u>AC9M8N05</u> <u>AC9M8M05</u> <u>AC9M8M05</u> <u>AC9M8M07</u> |

| | Year 9 Students: | Year 10 Students: |
|---|--|---|
| | their graphical and algebraic representations <u>AC9M9A06</u> find the distance between 2 points on the Cartesian plane, and the gradient and midpoint of a line segment <u>AC9M9A03</u> | |
| cal live practical <i>v</i> ing ratios, nd rates in and financial | use mathematical modelling to solve problems involving change in financial and other applied contexts, choosing to use linear and quadratic functions* <u>AC9M9A02</u> <u>AC9M9A05</u> | use mathematical modelling to solve problems involving growth and decay in financial and other applied situations, applying linear, quadratic and exponential functions as appropriate, and solve related equations, numerically and graphically* <u>AC9M10A01</u> <u>AC9M10A03</u> <u>AC9M10A04</u> |

| | | Prep Students: | Year 1 Students: | Year 2 Students: | Year 3 Students: | Year 4 Students: | Year 5 Students: | Year 6 Students: | Year 7 Students: | Year 8 Students: | Year 9 Students: | Year 10 Students: |
|----------------|------------------------------------|---|--|--|---|---|---|--|--|---|--|--|
| and geometry | Understanding units of measurement | identify the attributes of mass, capacity, length and duration, and use direct comparison strategies to compare objects and events <u>AC9MEM01</u> | compare and order objects and events based on the attributes of length, mass, capacity and duration, communicating reasoning* <u>AC9M1M01</u> <u>AC9M1M03</u> measure the length of shapes and objects using uniform informal units* <u>AC9M1M02</u> | identify and represent part- whole relationships of halves, quarters and eighths in measurement contexts* <u>AC9M2N03</u> <u>AC9M2M04</u> <u>AC9M2M05</u> use uniform informal units to measure and compare shapes and objects <u>AC9M2M01</u> | use familiar metric units when estimating, comparing and measuring the attributes of objects and events* <u>AC9M3M01</u> <u>AC9M3M02</u> <u>AC9M3M02</u> <u>AC9M3M03</u> identify angles as measures of turn and compare them to right angles* <u>AC9M3M05</u> extend and use single-digit addition and related subtraction facts and apply additive strategies to model and solve problems involving two- and three- digit numbers* <u>AC9M3N03</u> <u>AC9M3N06</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N05</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3N06</u> <u>AC9M3M01</u> <u>AC9M3M06</u> | use scaled instruments and appropriate units to measure length, mass, capacity and temperature <u>AC9M4M01</u> measure and approximate perimeters and areas <u>AC9M4M02</u> | choose and use appropriate metric units to measure the attributes of length, mass and capacity, and to solve problems involving perimeter and area <u>AC9M5M01</u> <u>AC9M5M02</u> estimate, construct and measure angles in degrees <u>AC9M5M04</u> | use all 4 operations with decimals and connect decimal representations of measurements to the metric system* <u>AC9M6N04</u> <u>AC9M6M01</u> convert between common units of length, mass and capacity <u>AC9M6M01</u> use the formula for the area of a rectangle and angle properties to solve problems* <u>AC9M6M02</u> <u>AC9M6M02</u> | use mathematical modelling to solve practical problems involving rational numbers, percentages and ratios, in financial and other applied contexts, justifying choices of representation* <u>AC9M7N04</u> <u>AC9M7N06</u> <u>AC9M7N09</u> <u>AC9M7N09</u> <u>AC9M7N09</u> <u>AC9M7N06</u> use formulas for the areas of triangles and parallelograms and the volumes of rectangular and triangular prisms to solve problems* <u>AC9M7A01</u> <u>AC9M7M01</u> <u>AC9M7M02</u> describe the relationships between the radius, diameter and circumference of a circle <u>AC9M7M03</u> | recognise irrational numbers and terminating or recurring decimals* <u>AC9M8N01</u> <u>AC9M8N03</u> use appropriate metric units when solving measurement problems involving the perimeter and area of composite shapes, and volume of right prisms* <u>AC9M8N04</u> <u>AC9M8M01</u> <u>AC9M8M02</u> use Pythagoras' theorem to solve measurement problems involving unknown lengths of right- angle triangles* <u>AC9M8M06</u> use formulas to solve problems involving the area and circumference of circles* <u>AC9M8M03</u> | apply formulas to solve problems involving the surface area and volume of right prisms and cylinders <u>AC9M9M01</u> determine percentage errors in measurements* <u>AC9M9M04</u> solve problems involving ratio, similarity and scale in two-dimensional situations* <u>AC9M9M03</u> apply Pythagoras' theorem and use trigonometric ratios to solve problems involving right-angled triangles* <u>AC9M9M03</u> <u>AC9M9SP01</u> use mathematical modelling to solve practical problems involving direct proportion, ratio and scale, evaluating the model and communicating their methods and findings* <u>AC9M9M03</u> <u>AC9M9M03</u> <u>AC9M9M03</u> <u>AC9M9M05</u> <u>AC9M9SP01</u> <u>AC9M9SP01</u> | recognise the effect of approximations of real numbers in repeated calculations* <u>AC9M10M03</u> identify the impact of measurement errors on the accuracy of results* <u>AC9M10M04</u> apply Pythagoras' theorem and trigonometry to solve practical problems involving right-angled triangles* <u>AC9M10M03</u> |
| Measurement ar | Understanding geometric properties | name, create and sort familiar shapes and give their reasoning <u>AC9MFSP01</u> | make, compare and classify shapes and objects using obvious features <u>AC9M1SP01</u> | compare and classify shapes, describing features using formal spatial terms <u>AC9M2SP01</u> | make, compare and classify objects using key features AC9M3SP01 identify angles as measures of turn and compare them to right angles* AC9M3M05 | represent and approximate shapes and objects in the environment AC9M4SP01 identify line and rotational symmetry in plane shapes and create symmetrical patterns AC9M4SP03 compare angles relative to a right angle using angle names AC9M4M04 | connect objects to their two-dimensional nets <u>AC9M5SP01</u> perform and describe the results of transformations and identify any symmetries <u>AC9M5SP03</u> | identify the parallel cross- section for right prisms <u>AC9M6SP01</u> create tessellating patterns using combinations of transformations <u>AC9M6SP03</u> use the formula for the area of a rectangle and angle properties to solve problems* <u>AC9M6M02</u> <u>AC9M6M04</u> | apply knowledge of angle relationships and the sum of angles in a triangle to solve problems, giving reasons <u>AC9M7M04</u> <u>AC9M7M05</u> use formulas for the areas of triangles and parallelograms and the volumes of rectangular and triangular prisms to solve problems* <u>AC9M7A01</u> <u>AC9M7M01</u> <u>AC9M7M02</u> classify polygons according to their features and create an algorithm designed to sort and classify shapes <u>AC9M7SP02</u> <u>AC9M7SP04</u> use coordinates to describe transformations of points in the plane* <u>AC9M7SP03</u> | use Pythagoras' theorem to solve measurement problems involving unknown lengths of right- angle triangles* <u>AC9M8M06</u> identify conditions for congruency and similarity in shapes and create and test algorithms designed to test for congruency and similarity* <u>AC9M8SP01</u> <u>AC9M8SP04</u> apply the properties of quadrilaterals to solve problems <u>AC9M8SP02</u> | solve problems involving ratio, similarity and scale in two-dimensional situations* <u>AC9M9M03</u> design, use and test algorithms based on geometric constructions or theorems <u>AC9M9SP03</u> apply Pythagoras' theorem and use trigonometric ratios to solve problems involving right-angled triangles* <u>AC9M9M03</u> <u>AC9M9SP01</u> apply the enlargement transformation to images of shapes and objects, and interpret results* <u>AC9M9SP02</u> use mathematical modelling to solve practical problems involving direct proportion, ratio and scale, evaluating the model and communicating their methods and findings* <u>AC9M9SP01</u> <u>AC9M9M03</u> <u>AC9M9M05</u> <u>AC9M9SP01</u> <u>AC9M9SP01</u> | recognise the effect of approximations of real numbers in repeated calculations* <u>AC9M10N01</u> <u>AC9M10M03</u> solve measurement problems involving surface area and volume of composite objects <u>AC9M10M01</u> apply Pythagoras' theorem and trigonometry to solve practical problems involving right-angled triangles* <u>AC9M10M03</u> use deductive reasoning, theorems and algorithms to solve spatial problems <u>AC9M10SP01</u> <u>AC9M10SP03</u> interpret networks used to represent practical situations and describe connectedness <u>AC9M10SP02</u> |

| | | Prep | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|----------------------------|------------------------------------|--|---|---|---|---|--|--|--|---|--|---|
| | | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: |
| | Positioning and locating | describe the position and the location of themselves and objects in relation to other objects and people within a familiar space <u>AC9MFSP02</u> | give and follow directions to move people and objects within a space <u>AC9M1SP02</u> | of features in two- | dimensional representations | create and interpret grid references <u>AC9M4SP02</u> | use grid coordinates to locate and move positions <u>AC9M5SP02</u> | locate an ordered pair in any one of the 4 quadrants on the Cartesian plane* AC9M6N01 AC9M6SP02 use integers to represent points on a number line and in the Cartesian plane* AC9M6N01 AC9M6SP02 | represent objects two- dimensionally in different ways, describing the usefulness of these representations <u>AC9M7SP01</u> use coordinates to describe transformations of points in the plane* <u>AC9M7SP03</u> | use 3 dimensions to locate and describe position <u>AC9M8SP03</u> | This aspect of the achieveme Year 8. | ent standard concludes in |
| | Measuring time | sequence and connect familiar events to the time of day <u>AC9MEM02</u> | compare and order objects and events based on the attributes of length, mass, capacity and duration, communicating reasoning* <u>AC9M1M01</u> <u>AC9M1M03</u> | identify and represent part- whole relationships of halves, quarters and eighths in measurement contexts* <u>AC9M2N03</u> <u>AC9M2M04</u> <u>AC9M2M05</u> determine the number of days between events using a calendar and read time on an analog clock to the hour, half hour and quarter hour* <u>AC9M2M03</u> <u>AC9M2M04</u> | AC9M3M03 AC9M3M04 use familiar metric units when estimating, comparing and measuring the attributes of objects and events* AC9M3M01 | convert between units of time when solving problems involving duration <u>AC9M4M03</u> | convert between 12- and 24-hour time <u>AC9M5M03</u> interpret and compare data represented in line graphs* <u>AC9M5ST02</u> | interpret and use timetables <u>AC9M6M03</u> | use algebraic expressions to represent situations, describe the relationships between variables from authentic data and substitute values into formulas to determine unknown values* <u>AC9M7A01</u> <u>AC9M7A02</u> <u>AC9M7A04</u> <u>AC9M7A06</u> | solve problems of duration involving 12- and 24-hour cycles across multiple time zones <u>AC9M8M04</u> | express small and large numbers in scientific notation* <u>AC9M9M02</u> | This aspect of the achievement standard concludes in Year 9. |
| Δ | Understanding chance | This aspect of the achieveme | ent standard begins in Year 3. | | conduct repeated chance experiments and discuss variation in results AC9M3P02 use practical activities, observation or experiment to identify and describe outcomes and the likelihood of everyday events explaining reasoning AC9M3P01 AC9M3P02 | conduct repeated chance experiments and describe the variation in results AC9M4P02 order events or the outcomes of chance experiments in terms of likelihood and identify whether events are independent or dependent AC9M4P01 | conduct repeated chance experiments, list the possible outcomes, estimate likelihoods and make comparisons between those with and without equally likely outcomes* AC9M5P01 AC9M5P02 | conduct simulations using digital tools, to generate and record the outcomes from many trials of a chance experiment AC9M6P02 compare observed frequencies to the expected frequencies of the outcomes of chance experiments AC9M6P02 assign probabilities using common fractions, decimal and percentages* AC9M6P01 | conduct repeated single- step chance experiments and run simulations using digital tools, giving reasons for differences between predicted and observed results AC9M7P01 AC9M7P02 list sample spaces for single step experiments, assign probabilities to outcomes and predict relative frequencies for related events AC9M7P01 | conduct experiments and simulations using digital tools to determine related probabilities of compound events AC9M8P01 AC9M8P02 AC9M8P03 represent the possible combinations of 2 events with tables and diagrams, and determine related probabilities to solve practical problems AC9M8P01 AC9M8P01 AC9M8P02 | design and conduct experiments or simulations for combined events using digital tools AC9M9P01 AC9M9P02 AC9M9P03 assign probabilities to the outcomes of compound events AC9M9P01 AC9M9P02 determine sets of outcomes for compound events and represent these in various ways AC9M9P01 | design and conduct simulations involving conditional probability, using digital tools AC9M10P01 AC9M10P02 apply conditional probability to solve problems involving compound events AC9M10P01 AC9M10P02 |
| Statistics and probability | Interpreting and representing data | collect, sort and compare data in response to questions in familiar contexts* <u>AC9MFN03</u> <u>AC9MFST01</u> | collect and record categorical data, create one-to-one displays, and compare and discuss the data using frequencies* <u>AC9M1N01</u> <u>AC9M1ST01</u> <u>AC9M1ST02</u> | use a range of methods to collect, record, represent and interpret categorical data in response to questions <u>AC9M2ST01</u> <u>AC9M2ST02</u> | conduct guided statistical investigations involving categorical and discrete numerical data, and interpret their results in terms of the context <u>AC9M3ST01</u> <u>AC9M3ST02</u> <u>AC9M3ST03</u> record, represent and compare data they have collected <u>AC9M3ST01</u> <u>AC9M3ST01</u> | use surveys and digital tools to generate categorical or discrete numerical data in statistical investigations and communicate their findings in context <u>AC9M4ST01</u> <u>AC9M4ST03</u> create many-to-one data displays, assess the suitability of displays for representing data and discuss the shape of distributions and variation in data <u>AC9M4ST01</u> <u>AC9M4ST01</u> <u>AC9M4ST02</u> | plan and conduct statistical investigations that collect nominal and ordinal categorical and discrete numerical data using digital tools <u>AC9M5ST01</u> <u>AC9M5ST03</u> identify the mode and interpret the shape of distributions of data in context <u>AC9M5ST01</u> interpret and compare data represented in line graphs* <u>AC9M5ST02</u> | compare distributions of discrete and continuous numerical and ordinal categorical data sets as part of their statistical investigations, using digital tools <u>AC9M6ST01</u> <u>AC9M6ST03</u> critique arguments presented in the media based on statistics <u>AC9M6ST02</u> | use algebraic expressions to represent situations, describe the relationships between variables from authentic data and substitute values into formulas to determine unknown values* <u>AC9M7A01</u> <u>AC9M7A02</u> <u>AC9M7A04</u> <u>AC9M7A06</u> plan and conduct statistical investigations involving discrete and continuous numerical data, using appropriate displays <u>AC9M7ST01</u> <u>AC9M7ST02</u> <u>AC9M7ST03</u> interpret data in terms of the shape of distribution and summary statistics, identifying possible outliers | conduct statistical investigations and explain the implications of obtaining data through sampling <u>AC9M8ST01</u> <u>AC9M8ST02</u> <u>AC9M8ST03</u> <u>AC9M8ST04</u> analyse and describe the distribution of data <u>AC9M8ST02</u> compare the variation in distributions of random samples of the same and different size from a given population with respect to shape, measures of central tendency and range <u>AC9M8ST03</u> | compare and analyse the distributions of multiple numerical data sets, choose representations, describe features of these data sets using summary statistics and the shape of distributions, and consider the effect of outliers <u>AC9M9ST03</u> <u>AC9M9ST04</u> <u>AC9M9ST05</u> explain how sampling techniques and representation can be used to support or question conclusions or to promote a point of view <u>AC9M9ST01</u> <u>AC9M9ST01</u> <u>AC9M9ST02</u> | plan and conduct statistical investigations involving bivariate data <u>AC9M10ST03</u> <u>AC9M10ST04</u> <u>AC9M10ST05</u> represent the distribution of data involving 2 variables, using tables and scatter plots, and comment on possible association <u>AC9M10ST03</u> <u>AC9M10ST04</u> analyse inferences and conclusions in the media, noting potential sources of bias <u>AC9M10ST01</u> compare the distribution of continuous numerical data using various displays, and discuss distributions in |

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| Prep | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|-------------|---------------|-----------|-----------|-----------|---------------|-----------|--|-----------|-----------|-----------|
| Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: | Students: |
| | | | | | | | AC9M7ST01 AC9M7ST02 decide which measure of central tendency is most suitable and explain their reasoning AC9M7ST01 AC9M7ST02 | | | |

Additional resources

The following resources are also available:

- Prep-Year 6 Mathematics: Sequence of achievement standards
- Years 7–10 Mathematics: Sequence of achievement standards
- Prep-Year 10 Mathematics: Sequence of achievement standard aspects •
- Prep–Year 6 English: Sequence of achievement standards •
- Years 7–10 English: Sequence of achievement standards
- Prep–Year 10 English: Sequence of achievement standard aspects
- Prep-Year 10 English: Sequence of achievement standard aspects and related content descriptions
- Prep-Year 10 Advice: Planning for teaching, learning and assessment.

More information

If you would like more information, please visit the QCAA website www.qcaa.qld.edu.au or email the K-10 Curriculum and Assessment branch at australiancurriculum@qcaa.qld.edu.au.

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