



# Mathematics Assessment Framework

# ICAS

International Competitions and Assessments for Schools



# UNSW Global

THE UNIVERSITY OF NEW SOUTH WALES  
SYDNEY • AUSTRALIA

## Paper A (Year 3) (Calculators are not permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Counting objects</li> <li>Ordering and comparing positive whole numbers</li> <li>Using place Value</li> <li>Ordering and comparing quarters, halves, tenths and hundredths</li> <li>Odd and Even Numbers</li> <li>Using factors and multiples of whole numbers (without using the words "factor" or "multiple")</li> </ul>	<ul style="list-style-type: none"> <li>Simple number patterns</li> </ul>	<ul style="list-style-type: none"> <li>Measure and compare masses, lengths, areas, volumes (and capacities)</li> <li>Measure and compare time in days, months and years</li> <li>Recognise half and quarter turns</li> <li>Identify angles of the same size</li> <li>Order angles</li> </ul>	<ul style="list-style-type: none"> <li>Identify relative position on a picture or map</li> <li>Identify figures with reflection symmetry</li> <li>Identify nets, plans and elevations of 3D figures and vice versa</li> <li>Identify and continue a pattern of shapes</li> <li>Reflect a shape about a given axis (simple)</li> <li>Rotate a shape about a vertex of the shape or its centre</li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> </ul>
<ul style="list-style-type: none"> <li>The four operations (+, -, ×, ÷) with positive whole numbers</li> </ul>	<ul style="list-style-type: none"> <li>Solve simple number puzzles expressed using words or symbols</li> </ul>	<ul style="list-style-type: none"> <li>Select appropriate metric unit to measure a quantity (mL, L, cm, m, km etc)</li> </ul>	<ul style="list-style-type: none"> <li>Names of basic shapes and their basic features</li> <li>Identify by looking at shapes or solids which are the same or similar (the terms "congruence", "similarity" not needed)</li> <li>Names of basic solids and their basic features</li> </ul>	<ul style="list-style-type: none"> <li>Complete a basic table</li> <li>Read a column graph (bar chart)</li> <li>Read a two way table</li> <li>Read a picture graph (picture graph)</li> <li>Read a range of common graphs and charts (eg line, tally etc)</li> </ul>
	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	<ul style="list-style-type: none"> <li>Read scales of integer intervals</li> <li>Read analog and digital clocks</li> <li>Make sensible estimate of number visually</li> <li>Calculate perimeters of polygons, given all lengths of sides</li> </ul>	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	

## Paper E (Year 7) (Calculators are not permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Ordering and comparing positive whole numbers</li> <li>Using place Value</li> <li>Ordering and comparing quarters, halves, tenths and hundredths</li> <li>Odd and Even Numbers</li> <li>Using factors and multiples of whole numbers</li> <li>Ordering and comparing decimals</li> <li>Using prime numbers</li> <li>Rounding to nearest whole number</li> <li>Ordering and comparing fractions</li> <li>Ordering and comparing all integers including negatives</li> <li>Rounding to given decimal places</li> </ul>	<ul style="list-style-type: none"> <li>Simple number patterns</li> <li>Common number patterns such as square numbers</li> <li>Choose correct description in words of a number pattern</li> </ul>	<ul style="list-style-type: none"> <li>Measure and compare masses, lengths, areas, volumes (and capacities)</li> <li>Measure and compare time in days, months and years</li> <li>Recognise half and quarter turns</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 6 and also: <ul style="list-style-type: none"> <li>Identify co-ordinates in first quad.</li> <li>Identify and continue patterns based on transformations such as tessellations</li> <li>Combine simple reflections, rotations, translations &amp; enlargements of simple shapes</li> <li>Identify a sequence of transformations that have occurred to a shape</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> <li>Find numerical probabilities based on equally likely outcomes</li> <li>Find numerical probabilities based on relative frequencies</li> </ul>
<ul style="list-style-type: none"> <li>The four operations (+, -, ×, ÷) with positive whole numbers</li> <li>Squaring numbers</li> <li>The four operations with percentages</li> <li>The four operations with decimals</li> <li>The four operations with negatives</li> <li>Converting between fractions, decimals and percentages</li> </ul>	<ul style="list-style-type: none"> <li>Solve simple number puzzles expressed using words or symbols</li> <li>Solve complex number puzzle expressed in words</li> </ul>	<ul style="list-style-type: none"> <li>Select appropriate metric unit to measure a quantity (mL, L, cm, m, km etc)</li> <li>Choose appropriate order of magnitude of mass, length, area, volume (capacity) or time</li> <li>Convert between standard decimal units</li> </ul>	<ul style="list-style-type: none"> <li>Names of basic shapes and their basic features</li> <li>Identify by looking at shapes or solids which are the same or similar (the terms "congruence", "similarity" not needed)</li> <li>Names of basic solids and their basic features</li> </ul>	<ul style="list-style-type: none"> <li>Complete a basic table</li> <li>Read a two way table</li> <li>Read a picture graph (picture graph)</li> <li>Read a range of common graphs and charts (eg line, tally etc)</li> </ul>
	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 6 and also: <ul style="list-style-type: none"> <li>Calculate areas of rectangles</li> <li>Calculate areas of shapes based on rectangles</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Calculate internal angles of a triangle</li> <li>Calculate internal angles of a quadrilateral</li> <li>Calculate angle sums based on 90, 180 and 360 degrees</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 6 and also: <ul style="list-style-type: none"> <li>Complete a two way table</li> <li>Interpret a range of common graphs, charts and statistical diagrams</li> <li>Interpret pie charts</li> <li>Identify correctly drawn pie charts</li> <li>Find modes from simple categorical data</li> <li>Obtain likelihoods from data</li> <li>Find medians</li> <li>Find means</li> <li>Make estimates of future or unknown values from data sets</li> </ul> </li> </ul>

## Paper B (Year 4) (Calculators are not permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Counting objects</li> <li>Ordering and comparing positive whole numbers</li> <li>Using place Value</li> <li>Ordering and comparing quarters, halves, tenths and hundredths</li> <li>Odd and Even Numbers</li> <li>Using factors and multiples of whole numbers (without using the words "factor" or "multiple")</li> </ul>	<ul style="list-style-type: none"> <li>Simple number patterns</li> </ul>	<ul style="list-style-type: none"> <li>Measure and compare masses, lengths, areas, volumes (and capacities)</li> <li>Measure and compare time in days, months and years</li> <li>Recognise half and quarter turns</li> <li>Identify angles of the same size</li> <li>Order angles</li> </ul>	<ul style="list-style-type: none"> <li>Identify relative position on a picture or map</li> <li>Identify figures with reflection symmetry</li> <li>Identify nets, plans and elevations of 3D figures and vice versa</li> <li>Identify and continue a pattern of shapes</li> <li>Reflect a shape about a given axis (simple)</li> <li>Rotate a shape about a vertex of the shape or its centre</li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> </ul>
<ul style="list-style-type: none"> <li>The four operations (+, -, ×, ÷) with positive whole numbers</li> </ul>	<ul style="list-style-type: none"> <li>Solve simple number puzzles expressed using words or symbols</li> </ul>	<ul style="list-style-type: none"> <li>Select appropriate metric unit to measure a quantity (mL, L, cm, m, km etc)</li> </ul>	<ul style="list-style-type: none"> <li>Names of basic shapes and their basic features</li> <li>Identify by looking at shapes or solids which are the same or similar (the terms "congruence", "similarity" not needed)</li> <li>Names of basic solids and their basic features</li> </ul>	<ul style="list-style-type: none"> <li>Complete a basic table</li> <li>Read a column graph (bar chart)</li> <li>Read a two way table</li> <li>Read a picture graph (picture graph)</li> <li>Read a range of common graphs and charts (eg line, tally etc)</li> </ul>
	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	<ul style="list-style-type: none"> <li>Read scales of integer intervals</li> <li>Read analog and digital clocks</li> <li>Make sensible estimate of number visually</li> <li>Calculate perimeters of polygons, given all lengths of sides</li> <li>Use time measurement, be familiar with its unusual features (time is not measured in simple decimal units)</li> </ul>	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	

## Paper F (Year 8) (Calculators are permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Using factors and multiples of whole numbers</li> <li>Ordering and comparing all integers including negatives</li> <li>Ordering and comparing decimals</li> <li>Ordering and comparing fractions</li> <li>Using prime numbers</li> <li>Rounding to nearest whole number</li> <li>Rounding to given decimal places</li> </ul>	<ul style="list-style-type: none"> <li>Common number patterns such as square numbers</li> <li>Completing number patterns where the rule is not given</li> <li>Choose correct description in words of a number pattern</li> <li>Identify an expression for a number pattern (linear)</li> <li>Complete a number pattern (linear) rule given in words</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 7</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 7 and also: <ul style="list-style-type: none"> <li>Use simple bearings</li> <li>Plot and identify co-ordinates in all 4 quadrants</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> <li>Find numerical probabilities based on equally likely outcomes</li> <li>Find numerical probabilities based on relative frequencies</li> </ul>
<ul style="list-style-type: none"> <li>Squaring numbers</li> <li>The four operations with percentages</li> <li>The four operations with decimals</li> <li>The four operations with negatives</li> <li>Converting between fractions, decimals and percentages</li> <li>Four operations with fractions</li> <li>Square roots</li> <li>Indices and powers</li> <li>Proportions stated using combinations of fractions, decimals, percentages, ratios</li> </ul>	<ul style="list-style-type: none"> <li>Solve complex number puzzle expressed in words</li> <li>Solve a linear equation with one unknown</li> <li>Given a variety of constraints on x choose a possible value</li> <li>Collect terms in an expression</li> <li>Choose a correct expression of a relation given in words</li> <li>Change the subject of a formula</li> <li>Substitute values into an expression</li> <li>Identify plots of values of a function on a graph</li> <li>Identify an algebraic formula (linear) derived from a situation</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 7 and also: <ul style="list-style-type: none"> <li>Estimate angles ±20 degrees or less</li> <li>Calculate perimeters of rectangles or shapes based on rectangles (not all lengths given)</li> <li>Calculate circumferences and areas of circles</li> <li>Calculate volumes of shapes based on rectangular prisms</li> <li>Find surface areas of prisms</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Calculate internal angles of a triangle</li> <li>Calculate internal angles of a quadrilateral</li> <li>Calculate angle sums based on 90, 180 and 360 degrees</li> <li>Identify angle categories: acute, obtuse and reflex</li> <li>Solve simple angle problems with line crossing 2 parallel lines</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 7</li> </ul>

## Paper C (Year 5) (Calculators are not permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Ordering and comparing positive whole numbers</li> <li>Using place Value</li> <li>Ordering and comparing quarters, halves, tenths and hundredths</li> <li>Odd and Even Numbers</li> <li>Using factors and multiples of whole numbers (without using the words "factor" or "multiple")</li> <li>Ordering and comparing decimals</li> <li>Using prime numbers</li> <li>Rounding to nearest whole number</li> </ul>	<ul style="list-style-type: none"> <li>Simple number patterns</li> </ul>	<ul style="list-style-type: none"> <li>Measure and compare masses, lengths, areas, volumes (and capacities)</li> <li>Measure and compare time in days, months and years</li> <li>Recognise half and quarter turns</li> </ul>	<ul style="list-style-type: none"> <li>Identify relative position on a picture or map</li> <li>Identify figures with reflection symmetry</li> <li>Identify nets, plans and elevations of 3D figures and vice versa</li> <li>Identify and continue a pattern of shapes</li> <li>Reflect a shape about a given axis (simple)</li> <li>Rotate a shape about a vertex of the shape or its centre</li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> </ul>
<ul style="list-style-type: none"> <li>The four operations (+, -, ×, ÷) with positive whole numbers</li> <li>The four operations (+, -, ×, ÷) with decimals</li> </ul>	<ul style="list-style-type: none"> <li>Solve simple number puzzles expressed using words or symbols</li> <li>Solve complex number puzzle expressed in words</li> </ul>	<ul style="list-style-type: none"> <li>Select appropriate metric unit to measure a quantity (mL, L, cm, m, km etc)</li> <li>Choose appropriate order of magnitude of mass, length, area, volume (capacity) or time</li> </ul>	<ul style="list-style-type: none"> <li>Names of basic shapes and their basic features</li> <li>Identify by looking at shapes or solids which are the same or similar (the terms "congruence", "similarity" not needed)</li> <li>Names of basic solids and their basic features</li> </ul>	<ul style="list-style-type: none"> <li>Complete a basic table</li> <li>Read a column graph (bar chart)</li> <li>Read a two way table</li> <li>Read a picture graph (picture graph)</li> <li>Read a range of common graphs and charts (eg line, tally etc)</li> </ul>
	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 4 and also: <ul style="list-style-type: none"> <li>Read scales of decimal intervals with gaps</li> <li>Read scales of decimal intervals</li> <li>Estimate areas using a grid</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	

## Paper G & H (Year 9 and 10) (Calculators are permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Using factors and multiples of whole numbers</li> <li>Ordering and comparing all integers including negatives</li> <li>Ordering and comparing decimals</li> <li>Ordering and comparing fractions</li> <li>Using prime numbers</li> <li>Rounding to nearest whole number</li> <li>Rounding to given decimal places</li> <li>Rounding to given significant figures</li> </ul>	<ul style="list-style-type: none"> <li>Common number patterns such as square numbers</li> <li>Completing number patterns where the rule is not given</li> <li>Choose correct description in words of a number pattern</li> <li>Identify an expression for a number pattern (linear)</li> <li>Complete a number pattern (linear) rule given in words</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8 and also: <ul style="list-style-type: none"> <li>Solve bearing problems</li> <li>Use co-ordinates to transform more complex shapes &amp; identify final coordinates</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> <li>Find numerical probabilities based on equally likely outcomes</li> <li>Find numerical probabilities based on relative frequencies</li> </ul>
<ul style="list-style-type: none"> <li>Squaring numbers</li> <li>The four operations with percentages</li> <li>The four operations with decimals</li> <li>The four operations with negatives</li> <li>Converting between fractions, decimals and percentages</li> <li>The four operations with fractions</li> <li>Square roots</li> <li>Indices and powers</li> <li>Proportions stated using combinations of fractions, decimals, percentages, ratios</li> <li>Operations with scientific notation (standard form)</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8 and also: <ul style="list-style-type: none"> <li>Given a simple inequality choose a possible value for x</li> <li>Solve simultaneous equation with two unknowns</li> <li>Identify a linear graph from function with marked axes</li> <li>Solve simultaneous linear equation from graph</li> <li>Identify sketch of linear graph from function without marked axes</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8 and also: <ul style="list-style-type: none"> <li>Calculate areas and perimeters of polygons</li> <li>Calculate parts of circumferences and areas of circles</li> <li>Calculate areas and perimeters of triangles</li> <li>Use congruence or similarity to calculate measures</li> <li>Find volumes of prisms and cylinders</li> <li>Find missing lengths of right angled triangles using Pythagoras</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Calculate internal angles of a triangle</li> <li>Calculate internal angles of a quadrilateral</li> <li>Calculate angle sums based on 90, 180 and 360 degrees</li> <li>Identify angle categories: acute, obtuse and reflex</li> <li>Solve simple angle problems with line crossing 2 parallel lines</li> <li>Solve angle problems with polygons (not triangles or rectangles)</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8 and also: <ul style="list-style-type: none"> <li>Calculate range</li> <li>Use (and choose) averages to compare sets of simple data</li> </ul> </li> </ul>

## Paper D (Year 6) (Calculators are not permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Ordering and comparing positive whole numbers</li> <li>Using place Value</li> <li>Ordering and comparing quarters, halves, tenths and hundredths</li> <li>Odd and Even Numbers</li> <li>Using factors and multiples of whole numbers (without using the words "factor" or "multiple")</li> <li>Ordering and comparing decimals</li> <li>Using prime numbers</li> <li>Rounding to nearest whole number</li> <li>Ordering and comparing fractions</li> </ul>	<ul style="list-style-type: none"> <li>Simple number patterns</li> <li>Common number patterns such as square numbers</li> <li>Choose correct description in words of a number pattern</li> </ul>	<ul style="list-style-type: none"> <li>Measure and compare masses, lengths, areas, volumes (and capacities)</li> <li>Measure and compare time in days, months and years</li> <li>Recognise half and quarter turns</li> </ul>	<ul style="list-style-type: none"> <li>Identify relative position on a picture or map</li> <li>Identify figures with reflection symmetry</li> <li>Identify nets, plans and elevations of 3D figures and vice versa</li> <li>Identify and continue a pattern of shapes</li> <li>Reflect a shape about a given axis (simple)</li> <li>Rotate a shape about a vertex of the shape or its centre</li> </ul>	<ul style="list-style-type: none"> <li>Simple estimates of probability in words</li> <li>Order events on rough likelihoods</li> <li>Find possible arrangements of sets of objects and events</li> </ul>
<ul style="list-style-type: none"> <li>The four operations (+, -, ×, ÷) with positive whole numbers</li> <li>The four operations (+, -, ×, ÷) with decimals</li> <li>Squaring numbers</li> </ul>	<ul style="list-style-type: none"> <li>Solve simple number puzzles expressed using words or symbols</li> <li>Solve complex number puzzle expressed in words</li> </ul>	<ul style="list-style-type: none"> <li>Select appropriate metric unit to measure a quantity (mL, L, cm, m, km etc)</li> <li>Choose appropriate order of magnitude of mass, length, area, volume (capacity) or time</li> <li>Convert between standard decimal units</li> </ul>	<ul style="list-style-type: none"> <li>Names of basic shapes and their basic features</li> <li>Identify by looking at shapes or solids which are the same or similar (the terms "congruence", "similarity" not needed)</li> <li>Names of basic solids and their basic features</li> </ul>	<ul style="list-style-type: none"> <li>Complete a basic table</li> <li>Read a column graph (bar chart)</li> <li>Read a two way table</li> <li>Read a picture graph (picture graph)</li> <li>Read a range of common graphs and charts (eg line, tally etc)</li> </ul>
	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 5</li> </ul>	<ul style="list-style-type: none"> <li>Not tested at this level</li> </ul>	

## Paper I & J (Year 11 and 12) (Calculators are permitted)

Number and Arithmetic	Algebra and Patterns	Measures and Units	Space and Geometry	Chance and Data
<ul style="list-style-type: none"> <li>Using factors and multiples of whole numbers</li> <li>Ordering and comparing all integers including negatives</li> <li>Ordering and comparing decimals</li> <li>Ordering and comparing fractions</li> <li>Using prime numbers</li> <li>Rounding to the nearest whole number</li> <li>Rounding to given decimal places</li> <li>Rounding to given significant figures</li> </ul>	<ul style="list-style-type: none"> <li>Common number patterns such as square numbers</li> <li>Completing number patterns where the rule is not given</li> <li>Choose correct description in words of a number pattern</li> <li>Identify an expression for a number pattern</li> <li>Complete a number pattern rule given in words</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 9</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 9</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 9 and also: <ul style="list-style-type: none"> <li>Find probabilities of independent compound events</li> <li>Find probabilities of dependent compound events</li> <li>Listing possible outcomes of simple compound events</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Squaring numbers</li> <li>The four operations with percentages</li> <li>The four operations with decimals</li> <li>The four operations with negatives</li> <li>Converting between fractions, decimals and percentages</li> <li>The four operations with fractions</li> <li>Square roots</li> <li>Indices and powers</li> <li>Proportions stated using combinations of fractions, decimals, percentages and ratios</li> <li>Operations with scientific notation (standard form)</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 9 and also: <ul style="list-style-type: none"> <li>Complex inequality problems</li> <li>Solve a quadratic equation with one unknown</li> <li>Solve an inequality (linear) giving a simple range for x</li> <li>Identify plots of values of a function (quadratic)</li> <li>Identify the graph of a given quadratic function with marked axes</li> <li>Identify the graph of a quadratic function as a graph without marked axes</li> <li>Identify an algebraic formula (quadratic) derived from a context</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>As with Year 8 and also: <ul style="list-style-type: none"> <li>Calculate areas and perimeters of polygons</li> <li>Calculate parts of circumferences and areas of circles</li> <li>Calculate areas and perimeters of triangles</li> <li>Use congruence or similarity to calculate measures</li> <li>Find volumes of prisms and cylinders</li> <li>Find missing lengths of right angled triangles using Pythagoras</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Calculate internal angles of a triangle</li> <li>Calculate internal angles of a quadrilateral</li> <li>Calculate angle sums based on 90, 180 and 360 degrees</li> <li>Identify angle categories: acute, obtuse and reflex</li> <li>Solve simple angle problems with line crossing 2 parallel lines</li> <li>Solve angle problems with polygons (not triangles or rectangles)</li> </ul>	<ul style="list-style-type: none"> <li>As with Year 9 and also: <ul style="list-style-type: none"> <li>Group continuous data</li> <li>Find estimates of median and/or mean for grouped data</li> <li>Find modal class of group data</li> <li>Use averages and ranges to compare sets of data</li> <li>Identify relationships from scatter graph</li> <li>Extrapolate and interpolate from graphical data (technical terms not needed)</li> </ul> </li> </ul>



# UNSW Global

THE UNIVERSITY OF NEW SOUTH WALES  
SYDNEY • AUSTRALIA

## Educational Assessment Australia

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