



**AusVELS Mathematics AC - Measurement and Geometry (Strands and Sub-Strands with Elaborations)**

PROGRESSION IS HIGHLIGHTED IN THE FOLLOWING DOCUMENT VIA **BOLDED TEXT**.






Based on Australian Curriculum, Assessment and Reporting Authority (ACARA) materials

Cross-curriculum priorities		
 Aboriginal and Torres Strait Islander histories and cultures	 Asia and Australia's engagement with Asia	 Sustainability

Year Level Indicators	PROFICIENCY STRANDS  The proficiencies reinforce the significance of working mathematically within the content and describe how the content is explored or developed. They provide the language to build in the developmental aspects of the learning of mathematics.	Sub-strands							
		Units of measurement		Shape		Geometric reasoning		Location and transformation	
		Content Descriptor	Elaborations	Content Descriptor	Elaborations	Content Descriptor	Elaborations	Content Descriptor	Elaborations
Foundation	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:....'</p> <p>'...<b>Fluency</b> includes....', '....continuing patterns, and comparing the lengths of objects'</p> <p><b>Problem Solving</b> includes using materials to model authentic problems, sorting objects, using familiar counting sequences to solve unfamiliar problems, and discussing the reasonableness of the answer'</p> <p><b>Reasoning</b> includes explaining comparisons of quantities, creating patterns, and explaining processes for indirect comparison of length'</p>	Use direct and indirect comparisons to decide which is longer, heavier or holds more, and explain reasoning in everyday language  (ACMMG006)	* Comparing objects directly, by placing one object against another to determine which is longer or by pouring from one container into the other to see which one holds more  * Using suitable language associated with measurement attributes, such as 'tall' and 'taller', 'heavy' and 'heavier', 'holds more' and 'holds less'	Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment  (ACMMG009)	* Sorting and describing squares, circles, triangles, rectangles, spheres and cubes	N/A	N/A	Describe position and movement  (ACMMG010)	* Interpreting the everyday language of location and direction, such as 'between', 'near', 'next to', 'forwards', 'towards'  * Following and giving simple directions to guide a friend around an obstacle path and vice versa
		Compare and order the duration of events using the everyday language of time  (ACMMG007)	* Knowing and identifying the days of the week and linking specific days to familiar events  * Sequencing familiar events in time order						
		Connect days of the week to familiar events and actions  (ACMMG008)	* Choosing events and actions that make connections with students' everyday family routines						
Foundation Level Achievement Standard	NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.	Students identify measurement attributes in practical situations and compare lengths, masses and capacities of familiar objects.  They order events, <b>explain</b> their duration, and <b>match</b> days of the week to familiar events.		Students <b>identify simple</b> shapes in their environment and sort shapes by their <b>common and distinctive</b> features.		N/A	N/A	They use <b>simple statements and gestures</b> to describe <b>location</b> .	
Level 1	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:....'</p> <p>'...<b>Fluency</b> includes....', '....<b>naming the days of the week</b>....'</p> <p>'...<b>Problem Solving</b> includes using materials to model authentic problems, <b>giving and receiving directions to unfamiliar places</b>....'</p> <p><b>Reasoning</b> includes explaining <b>direct and indirect</b> comparisons of length <b>using uniform informal units</b>....'</p>	<b>Measure</b> and compare the lengths and capacities of pairs of objects using <b>uniform informal units</b>  (ACMMG019)	* Understanding that in order to compare objects, the unit of measurement must be the same size	Recognise and <b>classify</b> familiar two-dimensional shapes and three-dimensional objects <b>using obvious features</b>  (ACMMG022)	* Focusing on geometric features and describing shapes and objects using everyday words such as 'corners', 'edges' and 'faces'	N/A	N/A	<b>Give and follow directions to familiar locations</b> .  (ACMMG023)	* Understanding that people need to give and follow directions to and from a place, and that this involves turns, direction and distance  * Understanding the meaning and importance of words such as 'clockwise', 'anticlockwise', 'forward' and 'under' when giving and following directions  * Interpreting and following directions around familiar locations
		Tell time to the <b>half-hour</b>  (ACMMG020)	* Reading time on analogue and digital clocks and observing the characteristics of half-hour times						
		Describe duration using <b>months, weeks, days and hours</b>  (ACMMG021)	* Describing the duration of familiar situations such as 'how long is it until we next come to school?'						
Level 1 Achievement Standard	NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.	Students use informal units to of measurement to <b>order</b> objects based on length and capacity.  They tell time to the half hour and <b>explain</b> time durations.		They <b>describe</b> two-dimensional shapes and three-dimensional objects.  They continue simple patterns involving numbers and objects.		N/A	N/A	They use the language of direction to <b>move from place to place</b> .	

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Level 2	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:....'</p> <p>'...<b>Fluency</b> includes counting numbers in sequences readily, <b>using informal units iteratively to compare measurements...</b>, '...and <b>describing and comparing time durations</b></p> <p><b>Problem Solving</b> includes <b>formulating problems from</b> authentic situations, <b>making models</b> and <b>using number sentences that represent problem situations</b>, and <b>matching transformations with their original shape</b></p> <p><b>Reasoning</b> includes <b>using known facts to derive strategies for unfamiliar calculations....'</b></p>	Compare and <b>order several shapes</b> and objects based on length, <b>area, volume</b> and capacity using <b>appropriate</b> uniform informal units  (ACMMG037 - Using Units of Measurement)	* Comparing lengths using finger length, hand span or a piece of string  * Comparing areas using the palm of the hand or a stone  * Comparing capacities using a range of containers	N/A	N/A	<p><b>Interpret simple maps</b> of familiar locations and <b>identify the relative positions of key features</b>  (ACMMG044)</p> <p><b>Investigate the effect of one-step slides and flips with and without digital technologies</b>  (ACMMG045)</p> <p>Identify and describe <b>half and quarter turns</b>  (ACMMG046)</p>	<p>* Understanding that we use representations of objects and their positions, such as on maps, to allow us to receive and give directions and to describe place  * Constructing arrangements of objects from a set of directions</p> <p>* Understanding that objects can be moved but changing position does not alter an object's size or features</p> <p>* Predicting and reproducing a pattern based around half and quarter turns of a shape and sketching the next element in the pattern</p>		
		Compare <b>masses</b> of objects using <b>balance scales</b>  (ACMMG038)	* Using balance scales to determine whether the mass of different objects is more, less or about the same, or to find out how many marbles are needed to balance a tub of margarine or a carton of milk					Describe and <b>draw</b> two-dimensional shapes, <b>with and without digital technologies</b>  (ACMMG042)	* Identifying key features of squares, rectangles, triangles, kites, rhombuses and circles, such as straight lines or curved lines, and counting the edges and corners
		Tell time to the <b>quarter-hour, using the language of 'past' and 'to'</b>  (ACMMG039)	* Describing the characteristics of quarter past times on an analogue clock, and identifying that the small hand is pointing just past the number and the big hand is pointing to the three					Describe <b>the features</b> of three-dimensional objects  (ACMMG043)	* Identifying geometric features such as the number of faces, corners or edges
		Name and <b>order</b> months and <b>seasons</b>  (ACMMG040)	* Investigating the seasons used by Aboriginal people, comparing them to those used in Western society and recognising the connection to weather patterns.						
		Use a calendar to identify the <b>date and determine the number of days in each month</b>  (ACMMG041)	* Using calendars to locate specific information, such as finding a given date on a calendar and saying what day it is, and identifying personally or culturally specific days						
Level 2 Achievement Standard	NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.	They tell time to the quarter hour  and use a calendar to identify the date, <b>days, weeks, months</b> included in seasons and <b>other events</b> .	Students draw two-dimensional shapes, <b>specify</b> their features  They <b>recognise</b> the features of three-dimensional objects.	N/A	N/A	...and explain the effects of one-step transformations.  They interpret simple maps of familiar locations.			
Level 3	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:</p> <p><b>Understanding</b> includes....' '...using <b>appropriate language to communicate times</b>, and <b>identifying environmental symmetry</b>.</p> <p><b>Fluency</b> includes....' '...using <b>familiar metric units to order</b> and compare objects....'</p> <p>'...<b>Problem Solving</b> includes....' '...<b>making models of three-dimensional objects</b>....'</p> <p>'...<b>Reasoning</b> includes....' '...<b>comparing angles</b>....'</p>	Measure, order and compare objects using <b>familiar metric units</b> of length, mass and capacity  (ACMMG061)	* Recognising the importance of using common units of measurement  * Recognising and using centimetres and metres, grams and kilograms, and millilitres and litres	<p><b>Make models of three-dimensional objects and describe key features</b>  (ACMMG063)</p>	<p>* Exploring the creation of three-dimensional objects using origami, including prisms and pyramids</p> <p><b>Identify angles as measures of turn and compare angle sizes in everyday situations</b>  (ACMMG064)</p>	<p>* Opening doors partially and fully and comparing the size of the angles created  * Recognising that analogue clocks use the turning of arms to indicate time, and comparing the size of angles between the arms for familiar times</p>	<p>Create and interpret simple <b>grid maps to show position and pathways</b>  (ACMMG065)</p> <p>Identify <b>symmetry in the environment</b>  (ACMMG066)</p>	<p>* Creating a map of the classroom or playground</p> <p>* Identifying symmetry in Aboriginal rock carvings or art  * Identifying symmetry in the natural and built environment</p>	
		Tell time to <b>the minute</b> and investigate the relationship between <b>units of time</b>  (ACMMG062)	* Recognising there are 60 minutes in an hour and 60 seconds in a minute						
Level 3 Achievement Standard	NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.	Students use metric units for length, mass and capacity.  They tell time to the <b>nearest minute</b> .	and make models of three-dimensional objects.	They use angle size as a measure of turn in <b>real</b> situations.		Students <b>match</b> positions on maps <b>with given information</b> and create simple maps.  Students identify symmetry in the natural and constructed environments.			

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Level 4	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:</p> <p><b>Understanding</b> includes...,'...using appropriate language to communicate times, and describing <b>properties of</b> symmetrical shapes</p> <p><b>Fluency</b> includes...,'...<b>using instruments</b> to measure <b>accurately</b>, creating patterns with shapes <b>and their transformations</b>...,'</p> <p>'...<b>Problem Solving</b> includes...,'...<b>comparing</b> time durations...,'</p> <p>'...<b>Reasoning</b> includes...,'...comparing angles...,'</p>	<p>Use <b>scaled</b> instruments to measure and compare lengths, masses, capacities and <b>temperatures</b></p> <p>(ACMMG084)</p>	<p>* Reading and interpreting the graduated scales on a range of measuring instruments to the nearest graduation</p>	<p>Compare <b>the areas of regular and irregular shapes by informal means</b></p> <p>(ACMMG087)</p>	<p>* Comparing areas using metric units, such as counting the number of square centimetres required to cover two areas by overlaying the areas with a grid of centimetre squares</p>	<p>Compare angles and <b>classify them as equal to, greater than or less than a right angle</b></p> <p>(ACMMG089)</p>	<p>* Creating angles and comparing them to a right angle using digital technologies</p>	<p>Use simple <b>scales, legends</b> and directions <b>to interpret information contained in basic maps</b></p> <p>(ACMMG090)</p>	<p>* Identifying the scale used on maps of cities and rural areas in Australia and a city in Indonesia and describing the difference</p> <p>* Using directions to find features on a map</p>
		<p>Compare objects using familiar metric units of <b>area and volume</b></p> <p>(ACMMG290)</p>	<p>* Comparing areas using grid paper</p> <p>* Comparing volume using centicubes</p> <p>* Recognising that metric units are not the only units used throughout the world, for example measuring the area of floor space using tatami mats (Japan), using squares for room and house area (Australia)</p>	<p>Compare and describe two dimensional shapes <b>that result from combining and splitting common shapes, with and without the use of digital technologies</b></p> <p>(ACMMG088)</p>	<p>* Identifying common two-dimensional shapes that are part of a composite shape by recreating it from these shapes</p> <p>* Creating a two-dimensional shapes from verbal or written instructions</p>			<p><b>Create symmetrical patterns, pictures and shapes with and without digital technologies</b></p> <p>(ACMMG091)</p>	<p>* Using stimulus materials such as the motifs in Central Asian textiles, Tibetan artefacts, Indian lotus designs and symmetry in Yolngu or Central and Western Desert art</p>
		<p><b>Convert between</b> units of time</p> <p>(ACMMG085)</p>	<p>* Identifying and using the correct operation for converting units of time</p>						
		<p>Use <b>am and pm notation and solve simple time problems</b></p> <p>(ACMMG086)</p>	<p>* Calculating the time spent at school during a normal school day</p> <p>* Calculating the time required to travel between two locations</p> <p>* Determining arrival time given departure time</p>						
Level 4 Achievement Standard	<p>NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.</p>	<p>Students use scaled instruments to measure length, <b>angle</b>, area, mass, capacity and temperature of <b>shapes</b> and objects.</p> <p>They solve problems involving time <b>duration</b>.</p> <p>They convert between units of time.</p>		<p>Students compare areas of regular and irregular shapes <b>using informal units</b>.</p>		<p>They classify angles in relation to a right angle.</p>		<p>They interpret information contained in maps.</p> <p>Students create symmetrical simple and composite shapes and patterns, with and without digital technology.</p>	

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Level 5	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:....'</p> <p><b>Understanding</b> includes...,'...describing <b>transformations</b> and identifying <b>line and rotational</b> symmetry.</p> <p><b>Fluency</b> includes choosing <b>appropriate units of measurement for calculation of perimeter and area, using estimation to check the reasonableness of answers to calculations</b> and using <b>instruments to measure angles</b></p> <p><b>Problem Solving</b> includes formulating and solving authentic problems...,'...<b>using measurements....</b>,'</p>	<p>Choose <b>appropriate</b> units of measurement for length, area, volume, capacity and mass</p> <p>(ACMMG108)</p> 	<p>* Investigating alternative measures of scale to demonstrate that these vary between countries and change over time, for example temperature measurement in Australia, Indonesia, Japan and USA</p> <p>* Recognising that some units of measurement are better suited for some tasks than others, for example kilometres rather than metres to measure the distance between two towns</p>	<p><b>Connect</b> three-dimensional objects <b>with their nets and other two-dimensional representations</b></p> <p>(ACMMG111)</p>	<p>* Identifying the shape and relative position of each face of a solid to determine the net of the solid, including that of prisms and pyramids</p> <p>* Representing two-dimensional shapes such as photographs, sketches and images created by digital technologies</p>	<p><b>Estimate, measure</b> and compare angles <b>using degrees.</b></p> <p><b>Construct angles using a protractor</b></p> <p>(ACMMG112)</p>	<p>* Measuring and constructing angles using both 180° and 360° protractors</p> <p>* Recognising that angles have arms and a vertex, and that size is the amount of turn required for one arm to coincide with the other</p>	<p>Use a grid <b>reference system</b> to describe locations.</p> <p>Describe routes using <b>landmarks</b> and directional language</p> <p>(ACMMG113)</p> 	<p>* Comparing aerial views of Country, desert paintings and maps with grid references</p> <p>* Creating a grid reference system for the classroom and using it to locate objects and describe routes from one object to another</p>
		<p>Calculate the <b>perimeter</b> and area of rectangles <b>using familiar metric units</b></p> <p>(ACMMG109)</p>	<p>* Exploring efficient ways of calculating the perimeters of rectangles such as adding the length and width together and doubling the result</p> <p>* Exploring efficient ways of finding the areas of rectangles</p>	<p>Students connect three-dimensional objects with their two-dimensional representations.</p>	<p>They estimate angles, and use protractors and <b>digital technology</b> to construct and measure different angles.</p>	<p>They describe transformations of two-dimensional shapes and identify line and rotational symmetry.</p>	<p>Describe <b>translations, reflections</b> and rotations of two-dimensional shapes.</p> <p>Identify <b>line and rotational</b> symmetries</p> <p>(ACMMG114)</p>	<p>* Identifying and describing the line and rotational symmetry of a range of two-dimensional shapes, by manually cutting, folding and turning shapes and by using digital technologies</p> <p>* Identifying the effects of transformations by manually flipping, sliding and turning two-dimensional shapes and by using digital technologies</p>	
		<p>Compare <b>12 and 24 hour time systems and convert between them</b></p> <p>(ACMMG110)</p> 	<p>* Investigating the ways time was and is measured in different Aboriginal Country, such as using tidal change</p> <p>* Using units hours, minutes and seconds</p>				<p>Apply the <b>enlargement transformation</b> to familiar two dimensional shapes and <b>explore the properties of the resulting image compared with the original</b></p> <p>(ACMMG115)</p>	<p>* Using digital technologies to enlarge shapes</p> <p>* Using a grid system to enlarge a favourite image or cartoon</p>	
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Level 6	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:....'</p> <p>'...<b>Fluency</b> includes...,'...measuring using metric units, and interpreting <b>timetables</b></p> <p><b>Problem Solving</b> includes formulating and solving authentic problems using...,'...<b>measurements....</b>,'...and finding the size of <b>unknown</b> angles</p> <p><b>Reasoning</b> includes...,'...<b>explaining the transformation of one shape into another....</b>,'</p>	<p><b>Connect decimal representations to the metric system</b></p> <p>(ACMMG135)</p> 	<p>* Recognising the equivalence of measurements such as 1.25 metres and 125 centimetres</p>	<p><b>Construct simple prisms and pyramids</b></p> <p>(ACMMG140)</p>	<p>* Considering the history and significance of pyramids from a range of cultural perspectives including those structures found in China, Korea and Indonesia</p> <p>* Constructing prisms and pyramids from nets, and skeletal models</p>	<p><b>Investigate, with and without digital technologies, angles on a straight line, angles at a point and vertically opposite angles.</b></p> <p><b>Use results to find unknown angles</b></p> <p>(ACMMG141)</p> 	<p>* Identifying the size of a right angle as 90° and defining acute, obtuse, straight and reflex angles</p> <p>* Measuring, estimating and comparing angles in degrees and classifying angles according to their sizes</p> <p>* Investigating the use of rotation and symmetry in the diagrammatic representations of kinship relationships of Central and Western Desert people</p> <p>* Recognising and using the two alternate conventions for naming angles</p>	<p>Investigate <b>combinations</b> of translations, reflections and rotations, <b>with and without the use of digital technologies</b></p> <p>(ACMMG142)</p>	<p>* Designing a school or brand logo using transformation of one or more shapes</p> <p>* Understanding that translations, rotations and reflections can change the position and orientation but not shape or size</p>
		<p><b>Convert between</b> common metric units of length, mass and capacity</p> <p>(ACMMG136)</p>	<p>* Identifying and using the correct operations when converting units including millimetres, centimetres, metres, kilometres, milligrams, grams, kilograms, tonnes, millilitres, litres, kilolitres and megalitres</p> <p>* Recognising the significance of the prefixes in units of measurement</p>	<p>Students construct simple prisms and pyramids.</p>	<p>They solve problems using the properties of angles</p>	<p>FROM NUMBER AND ALGEBRA</p> <p>Students use <b>ordered pairs of integers to represent</b> coordinates of points and locate <b>a point in any one of the four quadrants</b> on the Cartesian plane.</p> <p>and investigate combinations of transformations in the plane, with and without the use of digital technology.</p>			
		<p><b>Solve problems involving the comparison</b> of lengths and areas using appropriate units</p> <p>(ACMMG137)</p>	<p>* Recognising and investigating familiar objects using concrete materials and digital technologies</p>						
		<p><b>Connect volume and capacity and their units of measurement</b></p> <p>(ACMMG138)</p>	<p>*Recognising that 1ml is equivalent to 1cm<sup>3</sup></p>						
		<p><b>Interpret and use timetables</b></p> <p>(ACMMG139)</p>	<p>* Planning a trip involving one or more modes of public transport</p> <p>* Developing a timetable of daily activities</p>						
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Level 7	<p><b>Sourced from Level descriptions:</b></p> <p>'At this level:</p> <p><b>Understanding</b> includes...,'...<b>plotting points</b> on the Cartesian plane, identifying angles formed <b>by a transversal crossing a pair of lines...</b>'</p> <p>'...<b>Fluency</b> includes...,'...calculating areas of <b>shapes</b> and <b>volumes of prisms</b></p> <p><b>Problem Solving</b> includes formulating and solving authentic problems using...,'...measurements, working with transformations and identifying symmetry, <b>calculating</b> angles...'</p> <p>'...<b>Reasoning</b> includes...,'...applying <b>known geometric facts to draw conclusions about shapes...</b>'</p>	<p><b>Establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem solving</b></p> <p>(ACMMG159)</p>	<p>* Building on the understanding of the area of rectangles to develop formulas for the area of triangles</p> <p>* Establishing that the area of a triangle is half the area of an appropriate rectangle</p> <p>* Using area formulas for rectangles and triangles to solve problems involving areas of surfaces</p>	<p><b>Draw different views of prisms and solids formed from combinations of prisms</b></p> <p>(ACMMG161)</p>	<p>* Using aerial views of buildings and other 3D structures to visualise the structure of the building or prism</p>	<p>Identify <b>corresponding, alternate and co-interior angles when two straight lines are crossed by a transversal</b></p> <p>(ACMMG163)</p>	<p>* Defining and classifying pairs of angles as complementary, supplementary, adjacent and vertically opposite</p>	<p>Describe translations, reflections <b>in an axis, and rotations of multiples of 90° on the Cartesian plane using coordinates.</b></p> <p>Identify line and rotational symmetries</p> <p>(ACMMG181)</p>	<p>* Describing patterns and investigating different ways to produce the same transformation such as using two successive reflections to provide the same result as a translation</p> <p>* Experimenting with, creating and recreating patterns using combinations of reflections and rotations using digital technologies</p>
		<p><b>Calculate volumes of rectangular prisms</b></p> <p>(ACMMG160)</p>	<p>* Investigating volumes of cubes and rectangular prisms and establishing and using the formula <math>V = l \times b \times h</math></p> <p>* Understanding and using cubic units when interpreting and finding volumes of cubes and rectangular prisms</p>	<p>Students describe different views of three-dimensional objects, <b>and use models, sketches and digital technology to represent</b> these views.</p> <p>Students use formulas for the area <b>and perimeter of rectangles.</b></p> <p>Students calculate volumes of rectangular prisms.</p> <p>Students classify triangles and quadrilaterals and <b>represent</b> transformations <b>of these shapes</b> in the Cartesian plane, with and without digital technology.</p>	<p>* Using aerial views of buildings and other 3D structures to visualise the structure of the building or prism</p>	<p><b>Investigate conditions for two lines to be parallel and solve simple numerical problems using reasoning</b></p> <p>(ACMMG164)</p>	<p>* Constructing parallel and perpendicular lines using their properties, a pair of compasses and a ruler, and dynamic geometry software</p> <p>* Defining and identifying the relationships between alternate, corresponding and co-interior angles for a pair of parallel lines cut by a transversal</p>		
						<p><b>Demonstrate that the angle sum of a triangle is 180° and use this to find the angle sum of a quadrilateral</b></p> <p>(ACMMG166)</p>	<p>* Using concrete materials and digital technologies to investigate the angle sum of a triangle and quadrilateral</p>		
						<p><b>Classify triangles according to their side and angle properties and describe quadrilaterals</b></p> <p>(ACMMG165)</p>	<p>* Identifying side and angle properties of scalene, isosceles, right-angled and obtuse-angled triangles</p> <p>* Describing squares, rectangles, rhombuses, parallelograms, kites and trapeziums</p>		
Level 7 Achievement Standard	NOTE: The standards are not divided into sub-strands in the AusVELS documents. However, logic would dictate that the standards could be put into sub-strands, as demonstrated to the right.					<p>Students name the types of angles formed by a transversal crossing parallel lines and solve simple numerical problems involving these lines and angles.</p>		<p>They <b>assign ordered pairs to</b> given points on the Cartesian plane.</p>	