			LEARNING						GOING FURTHER	
Capacity	Capacity Breakdown (Content Descriptor and Standard)	Explanation (Elaboration - AusVELS) THIS WOULD BE HIDDEN	Information (I have heard of this)	Knowledge (I understand and can explain this)	Know-how (I can do this on my own)	Evidence (I have done this)			Wisdom (I am able to create something that could be used to teach others) My Summative Assessment	Evidence of Wisdom (I have taught others) Student Name Who Has The Summative Assessment
			1 Beginning To Understand	2 I'm Almost There	3 I'm Competant At This	Sample 1 Of Assessment (E.g. Pre- Assessment/Diagnostic Tool)	Sample 2 As Assessment (E.g. Student Work)	Other?		
	Investigate the effect of one-step slides and flips with and without digital technologies									
	(ACMMG045)									
	Identify and describe half and quarter turns									
	(ACMMG046)									
	and explain the effects of one-step transformations.									
	Describe translations, reflections and rotations of two-dimensional shapes.									
	(ACMMG114)									
	Apply the enlargement transformation to familiar two dimensional shapes and explore the properties of the resulting image compared with the original	* Using digital technologies to enlarge shapes * Using a grid system to enlarge a favourite image or cartoon								
	(ACMMG115)									
	They describe transformations Investigate combinations of translations, reflections and rotations, with and without the use of digital technologies	* Designing a school or brand logo using transformation of one or more shapes								
Transformations	(ACMMG142)	* Understanding that translations, rotations and reflections can change the position and orientation but not shape or size								
	Introduce the Cartesian coordinate system using all four quadrants	* Understanding that the Cartesian plane provides a graphical or visual way of describing location								
	(ACMMG143) Students use ordered pairs of integers to represent coordinates of points and locate a point in any one of the four quadrants on the									
	Cartesian planeand investigate combinations of transformations in the plane, with and without the use of digital technology.									
	Describe translations, reflections in an axis, and rotations of multiples of 90° on the Cartesian plane using coordinates.	* 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								
	(ACMMG181)	* Experimenting with, creating and recreating patterns using combinations of reflections and rotations using digital technologies								
	FROM LINEAR AND NON-LINEAR RELATIONSHIPS	* Plotting points from a table of integer values and recognising simple patterns, such as points that lie on a straight line								
	Given coordinates, plot points on the Cartesian plane, and find coordinates for a given point		_							
	(ACMNA178) They assign ordered pairs to give									
	Students classify triangles and quadrilaterals and represent transformations of these shapes in the Cartesian plane, with and without digital									
<u> </u>	technology.									