

# Curriculum Outcomes for the Lessons

	Lesson	1 2 3 4 5 6					
		Shape Up! Sort Me Out!	Tiles, Tiles and More Tiles	Don't Be Square!	Bigger and Bigger	This Looks Like That!	The Area is Right!
Strand	Years	4 – 8	4 – 9	5 – 9	5 – 9	4 – 8	4 – 8
Space	Substrand	3, 4, 5, 6	3, 4, 5, 6	3, 4, 5, 6	3, 4, 5, 6		
	Interpreting, drawing and making						
	Location						
	Shapes	2, 3, 4, 5, 6	2, 3, 4, 5, 6	2, 3, 4, 5, 6	3	2, 3, 4, 5	3
Number	Transformation		2, 3, 4, 5	4	4, 5	2, 3, 4, 5	
	Number, counting and numeration						2, 3
Measurement	Number patterns and relationships						
	Choosing units						2, 3, 4
	Measuring						3
Algebra	Estimating						3, 4, 5
	Expressing generality						
	Equations and inequality						
Mathematical tools and procedures	Function						
	Mathematical Tools						
	Strategies for mathematical investigation						
	Communicating mathematics	2, 3, 4, 5, 6	2, 3, 4, 5, 6	2, 3, 4, 5, 6	2, 3, 4, 5, 6	4, 5, 6	3, 4, 5
Mathematical reasoning							

Levels

	Lesson	7	8	9	10	11
	Title	Straight Line Curves	Where Are We?	Round and Round the Circle	Star, Circles and Mystic Signs	Unwrapping the circle
Strand	Substrand	Years				
Space	Interpreting, drawing and making	5			5	
	Location		3, 4, 5,		2, 3, 4	
	Shapes	4		3, 4, 5, 6		
	Transformation			3, 4, 5, 6		
Number	Number, counting and numeration					
	Number patterns and relationships	4			3, 4,	
Measurement	Choosing units					
	Measuring		5	3, 4, 5	3, 4, 5	
	Estimating					
Algebra	Expressing generality	5				
	Equations and inequality	5, 6				
	Function	6				6, 7
Mathematical tools and procedures	Mathematical Tools	4	4, 5		3, 4	
	Strategies for mathematical investigation				3, 4, 5	
	Communicating mathematics			3, 4, 5, 6	3, 4, 5, 6	
	Mathematical reasoning				3, 4, 5	

Levels

	Lesson	1	2	3	4	5	6
Strand	Strand Organiser	Shape Up! Sort Me Out!	Tiles, Tiles and More Tiles	Don't Be Square!	Bigger and Bigger	This Looks Like That!	The Area is Right!
	Years	4 – 8	4 – 9	5 – 9	5 – 9	4 – 8	4 – 8
Working Mathematically	Investigating	1.1, 1.2	3.1	3.31, 5.1	3.1, 5.1		1.1, 3.1
	Using mathematical language	1.5, 3.5, 5.5	1.5, 3.5, 5.5	1.5, 5.5	1.5, 5.5	1.5, 5.5	1.5, 3.5, 5.5
	Applying and verifying	1.4	1.4, 3.4, 7.4	1.4, 3.4, 5.4	3.4	1.5, 5.5	1.4, 3.4, 5.4
	Using problem solving strategies	3.3	3.3, 5.3	1.3, 3.3	3.3	3.3, 5.3	1.3, 3.3, 5.3
	Working in context		3.6				
	Conjecturing						
	Using spatial tools and techniques	1.7, 2.7a	1.7, 2.7a, 2.7b	1.7, 2.7a, 2.7b, 3.7b, 4.7b, 5.7	1.7, 2.7a, 2.7, 3.7a, 3.7b	1.7, 2.7b	1.7, 2.7a, 2.7b
Space	Visualising, analysing and representing shapes	1.9, 2.9, 3.9, 4.9	2.9, 3.9, 4.9, 5.9	1.9, 2.9, 3.9, 4.9	1.9, 2.9, 3.9, 4.9	1.9, 2.9, 3.9, 4.9	1.9, 2.9, 3.9, 4.9
	Visualising, analysing and representing movements	2.10, 3.10	2.101, 3.10, 4.10	1.10, 2.10	2,10, 3.10, 4.10, 5.10		2.10, 3.10
Measurement	Choosing units						1.18, 2.18, 3.18
	Measuring						1.19, 3.19
	Estimating						1.20, 2.20, 3.20
	Using relationships						4.22
		Outcomes					

Strand	Lesson	7	8	9	10	11	Unwrapping the Circle
Working Mathematically	Strand Organiser	5-9	6-9	4-8			9-12
	Investigating		3.1	1.1, 1.23, 3.1		3.1, 5.1	3.1
	Using mathematical language	1.5, 3.5, 5.5	1.5, 3.5	1.5, 3.5, 5.5		1.5, 5.5	1.5, 3.5, 5.5
	Applying and verifying	1.4, 3.4	1.4, 3.4, 5.4	1.4, 3.4, 5.4		1.5, 5.5	3.4, 5.5
	Using problem solving strategies	3.3, 5.3		1.3, 3.3, 5.3		3.3, 5.3	3.3
	Working in context		1.6, 3.6				3.6, 5.6
	Conjecturing						
	Using spatial tools and techniques			1.7, 2.7a, 2.7b		1.7, 2.7a, 2.7b, 5.7a	1.7, 2.7a, 2.7b, 5.7a
	Visualising, analysing and representing shapes	1.7, 2.7a	1.7, 2.7b	1.9, 2.9, 3.9, 4.9		1.9, 2.9, 3.9, 4.9	1.9, 2.9, 3.9, 4.9
	Visualising, analysing and representing locations	1.9, 2.9, 3.9, 4.9					
Space	Visualising, analysing and representing movements		1.8, 2.8, 3.8, 4.8	2.10, 3.10		2, 10, 3.10	
	Choosing units	2.10, 3.10		2.18			
	Measuring			3.19			3.19
	Estimating			1.20, 3.20, 6.20			
	Using relationships						4.22, 7.22b
Measurement	Expressing generality						5.28
	Function						5.29a, 6.29, 7.29

	Lesson	1	2	3	4	5	6
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	Years	4 – 8	4 – 9	5 – 9	5 – 9	4 – 8	4 – 8
Space	Substrand						
	Three-dimensional			3, 5, 11, 12, 15	5, 6, 9		
	Two-dimensional	1, 2, 11, 25	4, 7, 8, 15, 24		9, 18	3, 13	
	Position						
Measurement	Length						
	Area	4, 5	1, 4, 6				5, 6, 8
	Post-K6 stages	4	4, 5	4, 5	4, 5	4	4, 5
Objectives							

	Lesson	7	8	9	10	11
	Title	Straight Line Curves	Where Are We?	Round and Round the Circle	Stars, Circles and Mystic Signs	Unwrapping the Circle
Strand	Substrand	4 – 8	4 – 9	5 – 9	5 – 9	4 – 8
Space	Three-dimensional					
	Two-dimensional	9, 20	22	16, 22, 23	2, 4, 9, 12, 25	
	Position					
Measurement	Length		11, 12			
	Area					
	Objectives	4, 5	3, 4, 5	3, 4	3, 4, 5	5, 6
	Post-K6 stages					