

NUMBER AND PLACE VALUE	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
	Describes and represents mathematical situations in a variety of ways using mathematical terminology and some conventions MA3-1WM	Selects and applies appropriate problem-solving strategies, including the use of digital technologies, in undertaking investigations MA3-2WM	Gives a valid reason for supporting one possible solution over another MA3-3WM	Orders, reads and represents integers of any size and describes properties of whole numbers MA3-4NA	Selects and applies appropriate strategies for addition and subtraction with counting numbers of any size MA3-5NA	Selects and applies appropriate strategies for multiplication and division, and applies the order of operations to calculations involving more than one operation MA3-6NA	Compares, orders and calculates with fractions, decimals and percentages MA3-7NA	Analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane MA3-8NA
CARD	While the cards may contain elements of these outcomes they were not written with the outcomes specifically in mind as they are not stated in the Australian Curriculum. These outcomes could be incorporated within the lesson, depending on how the cards are used in the classroom.							
1				✓		✓		•
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17				✓		✓		
18				✓		✓		

NUMBER AND PLACE VALUE	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
CARD	Selects and uses the appropriate unit and device to measure lengths and distances, calculates perimeters, and converts between units of length MA3-9MG	Selects and uses the appropriate unit to calculate areas, including areas of squares, rectangles and triangles MA3-10MG	Selects and uses the appropriate unit to estimate, measure and calculate volumes and capacities, and converts between units of capacity MA3-11MG	Selects and uses the appropriate unit and device to measure the masses of objects, and converts between units of mass MA3-12MG	Uses 24-hour time and am and pm notation in real-life situations, and constructs timelines MA3-13MG	Identifies three-dimensional objects, including prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views MA3-14MG	Manipulates, classifies and draws two-dimensional shapes, including equilateral, isosceles and scalene triangles, and describes their properties MA3-15MG	Measures and constructs angles, and applies angle relationships to find unknown angles MA3-16MG	Locates and describes position on maps using a grid-reference system MA3-17MG	Uses appropriate methods to collect data and constructs, interprets and evaluates data displays, including dot plots, line graphs and two-way tables MA3-18SP	Conducts chance experiments and assigns probabilities as values between 0 and 1 to describe their outcomes MA3-19SP
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	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
FRACTIONS AND DECIMALS CARD	Describes and represents mathematical situations in a variety of ways using mathematical terminology and some conventions MA3-1WM	Selects and applies appropriate problem-solving strategies, including the use of digital technologies, in undertaking investigations MA3-2WM	Gives a valid reason for supporting one possible solution over another MA3-3WM	Orders, reads and represents integers of any size and describes properties of whole numbers MA3-4NA	Selects and applies appropriate strategies for addition and subtraction with counting numbers of any size MA3-5NA	Selects and applies appropriate strategies for multiplication and division, and applies the order of operations to calculations involving more than one operation MA3-6NA	Compares, orders and calculates with fractions, decimals and percentages MA3-7NA	Analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane MA3-8NA
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11							✓	
12							✓	
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15							✓	

FRACTIONS AND DECIMALS	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
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MONEY AND FINANCIAL MATHEMATICS	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
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3					✓	✓		

MONEY AND FINANCIAL MATHEMATICS	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
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PATTERNS AND ALGEBRA CARD	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
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3							•	✓
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PATTERNS AND ALGEBRA CARD	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
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	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
USING UNITS OF MEASUREMENT	Describes and represents mathematical situations in a variety of ways using mathematical terminology and some conventions MA3-1WM	Selects and applies appropriate problem-solving strategies, including the use of digital technologies, in undertaking investigations MA3-2WM	Gives a valid reason for supporting one possible solution over another MA3-3WM	Orders, reads and represents integers of any size and describes properties of whole numbers MA3-4NA	Selects and applies appropriate strategies for addition and subtraction with counting numbers of any size MA3-5NA	Selects and applies appropriate strategies for multiplication and division, and applies the order of operations to calculations involving more than one operation MA3-6NA	Compares, orders and calculates with fractions, decimals and percentages MA3-7NA	Analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane MA3-8NA
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CARD	USING UNITS OF MEASUREMENT	MEASUREMENT AND GEOMETRY								STATISTICS AND PROBABILITY	
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3					✓						
4	✓	✓									
5					✓						
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7	✓	✓									

SHAPE CARD	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
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SHAPE CARD	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
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	1					✓					
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	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
LOCATION AND TRANSFORMATION	Describes and represents mathematical situations in a variety of ways using mathematical terminology and some conventions MA3-1WM	Selects and applies appropriate problem-solving strategies, including the use of digital technologies, in undertaking investigations MA3-2WM	Gives a valid reason for supporting one possible solution over another MA3-3WM	Orders, reads and represents integers of any size and describes properties of whole numbers MA3-4NA	Selects and applies appropriate strategies for addition and subtraction with counting numbers of any size MA3-5NA	Selects and applies appropriate strategies for multiplication and division, and applies the order of operations to calculations involving more than one operation MA3-6NA	Compares, orders and calculates with fractions, decimals and percentages MA3-7NA	Analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane MA3-8NA
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	7						✓	•			
	8								✓		

GEOMETRIC REASONING CARD	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
	COMMUNICATING	PROBLEM-SOLVING	REASONING	WHOLE NUMBERS	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION	FRACTIONS AND DECIMALS	PATTERNS AND ALGEBRA
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CARD	GEOMETRIC REASONING	MEASUREMENT AND GEOMETRY								STATISTICS AND PROBABILITY		
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CHANCE CARD	WORKING MATHEMATICALLY			NUMBER AND ALGEBRA				
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CHANCE CARD	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
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DATA REPRESENTATION AND INTERPRETATION CARD	MEASUREMENT AND GEOMETRY									STATISTICS AND PROBABILITY	
	LENGTH	AREA	VOLUME AND CAPACITY	MASS	TIME	THREE-DIMENSIONAL SPACE	TWO-DIMENSIONAL SPACE	ANGLES	POSITION	DATA	CHANCE
	Selects and uses the appropriate unit and device to measure lengths and distances, calculates perimeters, and converts between units of length MA3-9MG	Selects and uses the appropriate unit to calculate areas, including areas of squares, rectangles and triangles MA3-10MG	Selects and uses the appropriate unit to estimate, measure and calculate volumes and capacities, and converts between units of capacity MA3-11MG	Selects and uses the appropriate unit and device to measure the masses of objects, and converts between units of mass MA3-12MG	Uses 24-hour time and am and pm notation in real-life situations, and constructs timelines MA3-13MG	Identifies three-dimensional objects, including prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views MA3-14MG	Manipulates, classifies and draws two-dimensional shapes, including equilateral, isosceles and scalene triangles, and describes their properties MA3-15MG	Measures and constructs angles, and applies angle relationships to find unknown angles MA3-16MG	Locates and describes position on maps using a grid-reference system MA3-17MG	Uses appropriate methods to collect data and constructs, interprets and evaluates data displays, including dot plots, line graphs and two-way tables MA3-18SP	Conducts chance experiments and assigns probabilities as values between 0 and 1 to describe their outcomes MA3-19SP
1										✓	
2										✓	
3										✓	
4					•					✓	
5										✓	
6										✓	