

Mathletics

New South Wales Curriculum

Activities (Courses)



Early Stage 1, Kindergarten

January, 2025



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NSW Curriculum
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Early Stage 1

1 Number and Algebra

1.1 Representing whole numbers

MAE-RWN-01 demonstrates an understanding of how whole numbers indicate quantity	
Course Topics	Activities
Representing whole numbers: count & compare	Count to 5
	How Many?
	Dot Display
	Concept of Zero
	Counting Up to 20
	Counting Back Within 20
	Before, After and Between to 20
	How Many Dots?
	Counting Forwards
	Counting Backwards
	Order Numbers to 10
	Order Numbers to 20
1st to 31st	

MAE-RWN-02 reads numerals and represents whole numbers to at least 20	
Course Topics	Activities
Representing whole numbers: read & represent	Matching Numbers to 10
	Matching Numbers to 20
	Making Teen Numbers
	Reading Numbers to 30

1.2 Combining and separating quantities

MAE-CSQ-01 reasons about number relations to model addition and subtraction by combining and separating, and comparing collections	
Course Topics	Activities
Combining and separating quantities: add sub	More, Less or the Same to 10
	More, Less or the Same to 20

MAE-CSQ-02 represents the relations between the parts that form the whole, with numbers up to 10	
Course Topics	Activities
Combining and separating quantities: add sub	Adding to 5
	Adding to Make 5 and 10
	Model Addition
	Adding to Ten
	Adding to 10 Word Problems
	Model Subtraction
	Subtracting From 5
	Subtracting from Ten

1.3 Forming groups

MAE-FG-01 recognises, describes and continues repeating patterns	
Course Topics	Activities
Forming groups	Complete the Pattern
	Missing it!
	Pattern Error

MAE-FG-02 forms equal groups by sharing and counting collections of objects	
Course Topics	Activities
Forming groups	Share the Treasure
	Groups

2 Measurement and space

2.1 Geometric measure

MAE-GM-01 describes position and gives and follows simple directions	
Course Topics	Activities
Geometric measure: position	Where is it?
	Left or Right?

MAE-GM-02 describes and compares lengths	
Course Topics	Activities
Geometric measure: length	Everyday Length
	Comparing Length
	Compare Length

MAE-GM-03 identifies half the length and the halfway point	
Course Topics	Activities
Teacher directed	

2.2 Two-dimensional spatial structure

MAE-2DS-01 sorts, describes, names and makes two-dimensional shapes, including triangles, circles, squares and rectangles	
Course Topics	Activities
2D SS: shape and area	Collect Simple Shapes

MAE-2DS-02 describes and compares areas of similar shapes	
Course Topics	Activities
2D SS: shape and area	Biggest Shape
	Equal Areas

2.3 Three-dimensional spatial structure

MAE-3DS-01 manipulates, describes and sorts three-dimensional objects	
Course Topics	Activities
3D SS: objects and volume	Same and Different
	Match the Solid 1

MAE-3DS-02 describes and compares volumes	
Course Topics	Activities
3D SS: objects and volume	Comparing Volume
	How Full?
	Which Holds More?
	Filling Fast!

2.4 Non-spatial measure

MAE-NSM-01 describes and compares the masses of objects	
Course Topics	Activities
Non-spatial measure: mass and time	Balancing Act

MAE-NSM-02 sequences events and reads hour time on clocks	
Course Topics	Activities
Non-spatial measure: mass and time	Days of the Week
	Days: After and Before
	Weekdays and Weekends
	Tomorrow and Yesterday (Scaffolded)
	Tomorrow and Yesterday (without scaffold)
	Hour Times
	Set Time to the Hour

3 Statistics and probability

3.1 Data

MAE-DATA-01 contributes to collecting data and interprets data displays made from objects	
Course Topics	Activities
Data	Read Graphs
	Picture Graphs: Who has the Goods?
	Add and Subtract Using Graphs
	Sort It



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