

NSW

K-2 Maths

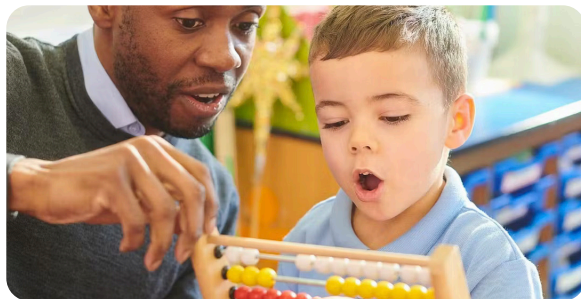
SCOPE AND SEQUENCE



inquisitive



Kindergarten



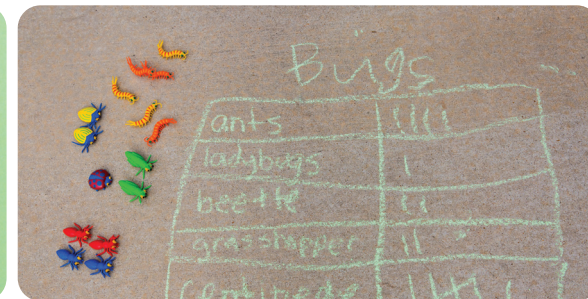
NUMBER AND ALGEBRA

10 units
40 lessons
10 assessments



MEASUREMENT AND SPACE

9 units
35 lessons
9 assessments



STATISTICS AND PROBABILITY

1 unit
4 lessons
1 assessment



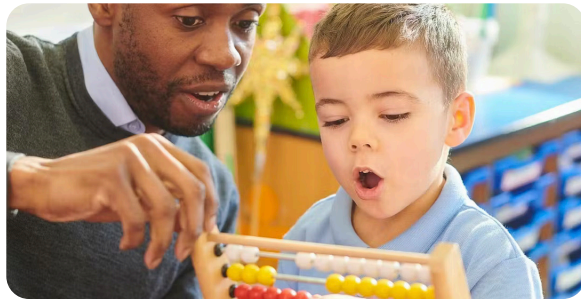
TERM 1	TERM 2	TERM 3	TERM 4
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS Recognising Numerals and Quantities to 10 LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02	NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS The Numbers 10, 11, 12 LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02	NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS Teen Numbers LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02	MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE Identifying and Comparing Area LESSONS 1–3 OUTCOMES MAO-WM-01, MAE-2DS-02
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS Showing Numbers in Different Ways LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02	NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES Number Composition LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-CSQ-02	NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS, COMBINING AND SEPARATING QUANTITIES Comparing and Ordering Collections and Numbers to 20 LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02, MAE-CSQ-01	STATISTICS AND PROBABILITY - DATA Using Data to Solve Problems LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-DATA-01
NUMBER AND ALGEBRA - FORMING GROUPS Patterns LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-FG-01	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE, DATA Exploring 3D Objects LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-2DS-01, MAE-3DS-01, MAE-DATA-01	NUMBER AND ALGEBRA - FORMING GROUPS Grouping and Sharing LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-FG-02	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE Comparing Volume LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-3DS-02
MEASUREMENT AND SPACE - NON-SPATIAL MEASURE Comparing and Ordering the Duration of Everyday Events LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-NSM-02	NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS, COMBINING AND SEPARATING QUANTITIES Addition and Subtraction Stories LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-RWN-01, MAE-RWN-02, MAE-CSQ-01, MAE-CSQ-02	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE Identifying and Comparing Mass Using Weight LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-NSM-01, MAE-DATA-01	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE Telling Time on the Hour LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-NSM-02



TERM 1	TERM 2	TERM 3	TERM 4
MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE Sorting, Describing, Naming and Representing 2D Shapes LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-2DS-01	MEASUREMENT AND SPACE - GEOMETRIC MEASURE Position LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-GM-01	MEASUREMENT AND SPACE - GEOMETRIC MEASURE Direct and Indirect Comparison of Length LESSONS 1–4 OUTCOMES MAO-WM-01, MAE-GM-02, MAE-GM-03	



Year 1



NUMBER AND ALGEBRA

11 units
44 lessons
11 assessments



MEASUREMENT AND SPACE

10 units
40 lessons
10 assessments



STATISTICS AND PROBABILITY

1 unit
4 lessons
1 assessment



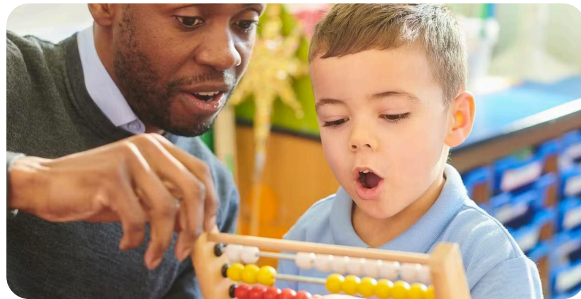
TERM 1	TERM 2	TERM 3	TERM 4
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS A Tens and Ones LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-01, MA1-RWN-02	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE A Investigating Mass using an Equal-Arm Balance LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-01	NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES A Flexible Strategies for Addition and Subtraction LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	NUMBER AND ALGEBRA - FORMING GROUPS A Division by Grouping and Sharing LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS A Locating, Comparing and Ordering Two-Digit Numbers LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-01, MA1-RWN-02	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE A STATISTICS AND PROBABILITY - DATA A Recognising, Sorting and Describing 3D Objects LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-01, MA1-DATA-01	NUMBER AND ALGEBRA - FORMING GROUPS A Identifying and Using Patterns LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01	NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS A Partitioning Two-Digit Numbers LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-02
NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES A Equality LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE A Months of the Year LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-02	NUMBER AND ALGEBRA - FORMING GROUPS A Working with Equal Groups LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01	MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE A Indirectly Comparing and Measuring Areas LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-2DS-02
MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE A Measuring and Comparing Volume by Filling LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-02	NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES A Advanced Count-By-One Strategies LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	MEASUREMENT AND SPACE - GEOMETRIC MEASURE A Measuring, Comparing and Sub-dividing Length LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-GM-02, MA1-GM-03	STATISTICS AND PROBABILITY - DATA A; CHANCE A Representing Data and Describing Outcomes LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-DATA-01, MA1-DATA-02, MA1-CHAN-01



TERM 1	TERM 2	TERM 3	TERM 4
NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES A Number Combinations and Facts LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	NUMBER AND ALGEBRA - FORMING GROUPS A; RECOGNISING WHOLE NUMBERS A Counting by Twos LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01, MA1-RWN-01	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE A Telling the Time to the Half Hour LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-02	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE A Measuring and Constructing Volume LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-02
MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE A Recognising, Classifying and Transforming 2D Shapes LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-2DS-01	MEASUREMENT AND SPACE - GEOMETRIC MEASURE A Giving and Following Directions LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-GM-01		



Year 2



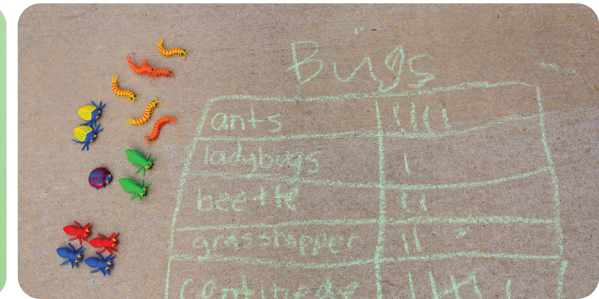
NUMBER AND ALGEBRA

9 units
36 lessons
9 assessments



MEASUREMENT AND SPACE

11 units
44 lessons
11 assessments



STATISTICS AND PROBABILITY

1 unit
4 lessons
1 assessment



TERM 1	TERM 2	TERM 3	TERM 4
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS B Hundreds and Tens LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-01, MA1-RWN-02	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE B Measuring Mass LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-01	NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES B Addition and Subtraction Strategies LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	NUMBER AND ALGEBRA - FORMING GROUPS B Arrays LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS B Exploring Three-Digit Numbers LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-01, MA1-RWN-02	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE B, DATA B Features of 3D Objects LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-01, MA1-DATA-01, MA1-DATA-02	NUMBER AND ALGEBRA - FORMING GROUPS B Repeated Addition and Subtraction LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01	MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE B Comparing Rectangular Areas LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-2DS-02
NUMBER AND ALGEBRA - REPRESENTING WHOLE NUMBERS B Identifying, Comparing and Ordering Three-Digit Numbers LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-RWN-01, MA1-RWN-02	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE B Using Units of Time LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-02	MEASUREMENT AND SPACE - GEOMETRIC MEASURE B Uniform Informal Units of Length LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-GM-02, MA1-GM-03	STATISTICS AND PROBABILITY - DATA B; CHANCE B Displaying and Interpreting Data and Chance LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-DATA-01, MA1-DATA-02, MA1-CHAN-01
MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE B Comparing Capacities LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-02	NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES B Representing Difference and Using Inverse Relationships LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	NUMBER AND ALGEBRA - FORMING GROUPS B Halves, Quarters and Eighths of Collections LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-FG-01	MEASUREMENT AND SPACE - THREE-DIMENSIONAL SPATIAL STRUCTURE B Comparing Volume Using Uniform Informal Units LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-3DS-02



TERM 1	TERM 2	TERM 3	TERM 4
NUMBER AND ALGEBRA - COMBINING AND SEPARATING QUANTITIES B Number Bonds LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-CSQ-01	MEASUREMENT AND SPACE - GEOMETRIC MEASURE B Simple Maps LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-GM-01	MEASUREMENT AND SPACE - NON-SPATIAL MEASURE B Telling the Time to the Quarter-Hour LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-NSM-02	MEASUREMENT AND SPACE - GEOMETRIC MEASURE B Metres and Centimetres LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-GM-02
MEASUREMENT AND SPACE - TWO-DIMENSIONAL SPATIAL STRUCTURE B Representing, Combining, Separating and Turning 2D Shapes LESSONS 1-4 OUTCOMES MAO-WM-01, MA1-2DS-01			

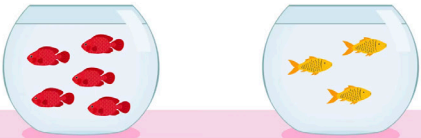


Automarkable Maths Assessments

10

Assign

Look at the fish bowls.



→

←

Which is true?

A. There are more red fish.

B. There are more yellow fish.

C. There are less red fish.

D. There are the same amount of fish in both fish bowls.

Reset Selected Answers

A summary of each student's performance

 **Jamie M**
17 responses

B Total score
16 / 20

ResponsesSummary

Performance Statement

This student has achieved a commendable level of understanding in this unit on Recognising Numerals and Quantities to 10, earning a Grade B. They count and recognise small quantities confidently and can compare collections to say which has more and which has less. While demonstrating a strong foundation, further attention to counting larger collections accurately and to reasoning about quantity will enhance their overall comprehension.

Edit

Strengths

The student demonstrates a strong understanding of foundational counting concepts, such as recognising numerals to 10 and matching a numeral to the matching quantity of objects. They show good comprehension of subitising small groups of dots and can sort collections by the number of items they contain. Their ability to compare two collections and identify which has more and which has less is well-developed, and they can identify the pond with the most ducks when comparing several groups.

Edit

Areas for Improvement

The student needs to reinforce their accuracy when counting larger collections, as evidenced by incorrect responses to questions asking how many objects were shown. There are also some misconceptions about identifying which number is missing from a sequence and about reasoning questions that ask for a quantity greater than the one pictured. They should count carefully, one object at a time, and check their answer before choosing.

Edit

Students respond directly into the assessment

All of your class responses in one place

			Activity 1	Activity 2	Activity 3	Activity 4	Activity 5
			How many pencils are there?	Which image shows eight blocks?	Some numbers are hiding. Which of these...	How many dots can you see?	Drag the cards with the same number of...
Grade	Mark		View Class Work	View Class Work	View Class Work	View Class Work	View Class Work
Class Average	C	69%	70%	40%	70%	60%	80%
Sort ↓	Sort ↓	Sort ↓					
Charlie B	View Student Work	B	80%	1/1	0/1	1/2	1/1
Charlotte T	View Student Work	C	55%	1/1	0/1	1/2	0/1
James H	View Student Work	C	65%	1/1	1/1	1/2	1/1
Jamie M	View Student Work	B	80%	1/1	0/1	2/2	1/1
Jordan E	View Student Work	C	55%	1/1	0/1	2/2	0/1
Lucy L	View Student Work	B	85%	0/1	1/1	2/2	1/1
Mary C	View Student Work	C	65%	1/1	0/1	1/2	1/1
Max S	View Student Work	B	75%	0/1	1/1	1/2	0/1
Oliver P	View Student Work	C	55%	0/1	1/1	1/2	0/1

inquisitive

