

MATHS BOX 1 Levels 1 and 2

KEY
 ✓ – New Zealand Curriculum Mathematics focus
 • – Additional curriculum links

	NUMBER AND ALGEBRA					GEOMETRY AND MEASUREMENT			STATISTICS		
	Number Strategies	Number Knowledge	Equations and Expressions	Patterns and Relationships	Measurement	Shape	Position and Orientation	Statistical Investigation			
	Use a range of counting, grouping and equal-sharing strategies with whole numbers and fractions	Know the forward and backward counting sequences of whole numbers to 100	Know how many ones, tens and hundreds are in whole numbers to at least 1000	Know the basic addition and subtraction facts	Communicate and explain counting, grouping and equal-sharing strategies using words, numbers and pictures	Create and continue sequential patterns	Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature and time by direct comparison and/or counting whole numbers of units	Create and use appropriate units and devices to measure length, area, volume and capacity, weight (mass), turn (angle), temperature and time	Identify and describe the plane shapes found in objects	Give and follow instructions for movement that involve distances, directions, and half or quarter turns	Conduct investigations using the statistical inquiry cycle: – posing and answering questions – gathering, sorting, counting and displaying category data – discussing the results
NUMBER AND ALGEBRA											
1. Up and Down Humpty's Wall		✓	•						•		
2. The 100 Square		✓	•			•					
3. Fly and Count		✓	•			•					
4. Snakes and Ladders		✓	•			•					
5. Gross Grid Numbers		✓	•			•					
6. Counting in Twos		✓	•			•					
7. Blast Off!		✓	•			•					
8. Counting in Fives		✓	•			•					
9. Crazy Caterpillar Counting		✓	•			•					
10. Counting in Tens		✓	•		•	•					
11. Race Back		✓	•			•					
12. Tens and Units		•	✓		•	•					
13. Stepping Stones		•	✓			•					
14. Lollipop Stick Bundles		•	✓								
15. Stretching Out Numbers		•	✓	•							
16. Ten Frames		•	✓								
17. Number Places		•	✓								
18. Stretchy Numbers		•	✓								
1. Sweet Additions		•		✓							
2. LEGO™ Subtraction		•		✓				•			
3. Crash Them! Add Them!		•		✓							
4. Take Away the Dinosaurs		•		✓							
5. Count on to Add		•		✓							
6. Breaking Numbers into Parts		•		✓							
7. Problems, Problems, Problems		•		✓							
GEOMETRY AND MEASUREMENT											
1. Halves of Fruit	✓	•						•			
2. Halves of Objects	✓	•						•			
3. 2-D Shapes and Halves	✓	•						•			
4. More Halves of 2-D Shapes	✓	•						•			
5. A Fair Share	✓	•						•			
6. Natural Halves	✓	•						•			
7. Birthday Halves	✓	•						•			
8. Farm Halves	✓	•						•			
1. Bead Patterns						✓		•			
2. Shape Patterns						✓		•			
3. Patterns and Blocks						✓		•			
4. Number Train Patterns		•				✓		•			
5. Snaky Number Patterns		•				✓		•			
6. 100 Square Patterns		•				✓		•			
SHAPE											
1. 2-D Shapes	•							✓			
2. 3-D Shapes	•							✓			
3. Corners, Faces and Sides of 2-D Shapes								✓			
4. The Amusement Park								✓			
5. Toyshop								✓			
POSITION AND ORIENTATION											
1. Where is it?									✓		
2. Underwater Places									✓		
MEASUREMENT – LENGTH, WEIGHT AND CAPACITY											
1. Longer and Shorter							✓				
2. Which is Longer? Which is Shorter?							✓				
3. Comparing Lengths	•						✓				
4. Measuring with Paper Clips	•						✓				
5. Metre Measurements							✓				
6. Measuring Length							✓				
7. Heavier and Lighter							✓				
8. Comparing Weights							✓				
9. Measuring in Kilograms							✓				
10. Kilograms in the Kitchen							✓				
11. How Much Does it Hold?							✓				
12. Fill and Count							✓				
13. Which Holds More? Which Holds Less?	•						✓				
14. Fruity Cocktails							✓				
MEASUREMENT – TIME											
1. Animal Races							✓				
2. How Long Does it Take?		•					✓				
3. Day and Night		•					✓				
4. Yesterday, Today and Tomorrow							✓				
5. Morning, Afternoon and Evening							✓				
6. Days of the Week							✓				
7. Months of the Year							✓				
8. Days and Weeks of a Month		•					✓				
9. O'clock		•					✓				
10. Half Past the Hour	•	•					✓	•			
11. What's the Time?							✓				
STATISTICAL INVESTIGATION											
1. What is our Favourite Crayon Colour?										✓	
2. How do we get to School?										✓	
3. What is our Favourite Ice-Cream Flavour?										✓	
4. What Pets do we Have?										✓	