

Pearson Mathology  
Alberta Mathology Kits (Prior to 2023) and Mathology.ca

GRADE 2

This document supports the use of Mathology Grade 2 kits, printed prior to 2023. Teachers can use this document, alongside Mathology.ca Grade 2 to make best use of the teacher and student cards in the kit with the new curriculum.

**Green**-Existing Lesson

**Yellow**-Adaptations have been made to match with the new curriculum

**Red**-No longer aligns with the new curriculum

\*-New Lesson Mathology.ca

Strand/Unit	Mathology.ca	Print Kit Prior to 2023
<b>Number</b>		
Counting	1: Counting to 1000* 2: Skip-Counting Forward* 3: Skip-Counting Flexibly 4: Consolidation	<del>1: Bridging Tens</del> 2: Counting to 1000 (Gr3) 2: <i>Skip-Counting Forward (ON)</i> 3: <i>Skip-Counting Flexibly</i> <del>4: Skip-Counting Backward</del> 4: <i>Consolidation (ON)</i> <del>5: Consolidation</del>  <u>Math Every Day Cards</u> 1A: <i>Skip-Counting on a Hundred Chart</i> <del>1A: Skip-Counting from Any Number</del> 1B: <i>Skip-Counting with Actions</i> <del>1B: What's Wrong? What's Missing?</del>  <u>Intervention</u> 1: <i>Skip-Counting with Objects</i> <del>2: Skip-Counting Backward</del>
Number Relationships 1	5: Estimating Quantities 6: Comparing and Ordering Numbers 7: Odd and Even Numbers 8: Consolidation	5: Estimating Quantities (Gr3) <del>6: Comparing Quantities</del> <del>7: Ordering Quantities</del> 7: Comparing and Ordering Quantities (Gr3) 8: <i>Odd and Even Numbers (ON)</i> <del>9: Ordinal Numbers</del> <del>10: Estimating with Benchmarks</del> <del>11: Decomposing to 20</del> 12: <i>Consolidation</i>

		<p>Math Every Day Cards</p> <p><del>2A: Show Me in Different Ways</del></p> <p>2A: Guess My Number</p> <p><del>2B: Math Commander</del></p> <p><i>2B: Building an Open Number Line</i></p> <p><u>Intervention</u></p> <p><del>3: My 10 Bracelet</del></p> <p><del>4: Who Has More?</del></p>
Grouping and Place Value	<p>9: Building Numbers</p> <p>10: Representing Numbers in Different Ways</p> <p>11: What's the Number?</p> <p>12: Making a Number Line</p> <p>13: Consolidation</p>	<p><del>13: Building Numbers</del></p> <p>9: Building numbers (Gr3)</p> <p>10: Representing Numbers in Different Ways (Gr3)</p> <p>11: What's the Number? (Gr3)</p> <p><i>14: Making a Number Line</i></p> <p><del>15: Grouping to Count</del></p> <p>16: Consolidation (Gr3)</p> <p><u>Math Every Day Cards</u></p> <p><i>3A: Adding Ten</i></p> <p><i>3A: Taking Away Ten</i></p> <p><i>3B: Thinking Tens</i></p> <p><i>3B: Describe Me</i></p> <p><u>Intervention</u></p> <p>5: Adding Tens</p> <p>6: Taking Away Tens</p>
Early Fractional Thinking	<p>14: Equal Parts</p> <p>15: Comparing Fractions 1</p> <p>16: Comparing Fractions 2</p> <p>17: Comparing Fractions of Different Wholes*</p> <p>18: Modelling One Whole with Unit Fractions*</p> <p>19: Partitioning Sets</p> <p>20: Consolidation</p>	<p><i>17: Equal Parts</i></p> <p><i>18: Comparing Fractions 1</i></p> <p><i>19: Comparing Fractions 2</i></p> <p><del>20: Regrouping Fractional Parts</del></p> <p>17: Partitioning Sets (Gr3)</p> <p><i>21: Consolidation</i></p> <p><u>Math Every Day Cards</u></p> <p><del>4A: Equal Parts from Home</del></p> <p><i>4A: Modelling Fraction Amounts</i></p> <p><del>4B: Regrouping Equal Parts</del></p> <p>4B: Naming Equal Parts</p> <p><u>Intervention</u></p> <p><del>7: Exploring Equal Parts</del></p> <p><i>8: Naming Fractional Amounts</i></p>
Number Relationships 2	<p>21: Benchmarks on a Number Line</p> <p>22: Decomposing 100</p> <p>23: Jumping on the Number Line</p> <p>24: Consolidation</p>	<p><i>23: Benchmarks on a Number Line (ON)</i></p> <p><i>23: Decomposing 50</i></p> <p><i>24: Jumping on the Number Line (ON)</i></p> <p><i>25: Consolidation</i></p>

		<p><u>Math Every Day Cards</u>  5A: Which Ten Is Nearer?  5A: Building Numbers  <del>5B: How Many Ways?</del>  <del>5B: What's the Unknown Part?</del></p> <p><u>Intervention</u>  9: Making 20  10: The Other Part of 10</p>
Conceptualizing Addition and Subtraction	25: Visualizing 100 with Groups of 10* 26: Exploring Properties 27: Exploring the Associative Property 28: Solving Problems 1 29: Solving Problems 2 30: Solving Problems 3 31: Solving Problems 4 32: Consolidation	26: Exploring Properties 10. Exploring the Associative Property (Gr3) <i>27: Solving Problems 1</i> <i>28: Solving Problems 2</i> <i>29: Solving Problems 3</i> <i>30: Solving Problems 4</i> <i>31: Consolidation</i>
Operational Fluency	33: Using Doubles 34: Mastering Addition and Subtraction Facts 35: Multi-Digit Fluency 36: Consolidation	<del>32: Complements of 10</del> <i>33: Using Doubles</i> <del>34: Fluency with 20</del> 23: Mastering Addition and Subtraction Facts (Gr3) <i>35: Multi-Digit Fluency</i> <i>36: Consolidation</i>
Early Multiplicative Thinking	37: Grouping in 2s, 5s, and 10s 38: Making Equal Shares 39: Making Equal Groups 40: Consolidation*	<i>37: Grouping in 2s, 5s, and 10s</i> <i>38: Making Equal Shares</i> <i>39: Making Equal Groups</i> <del>40: Exploring Repeated Addition</del> <del>41: Repeated Addition and</del>

		<p><del>Multiplication</del> <del>42: Consolidation</del></p> <p><u>Math Every Day Cards</u> 8A: Counting Equal Groups to Find How Many <del>8A: I Spy</del> 8B: How Many Blocks? <del>8B: How Many Ways?</del></p> <p><u>Intervention</u> 15: How Many Do You See? 16: Messy and Organize It</p>
Financial Literacy	<p>41: Estimating Money 42: Earning Money 43: Spending Money 44: Saving Regularly 45: Money up to \$100 46: Consolidation</p>	<p><i>43: Estimating Money</i> <i>44: Earning Money</i> <i>45: Spending Money</i> <i>46: Saving Regularly</i> 47: Money to \$200 (Gr2-title change) <i>47: Consolidation</i></p> <p><u>Math Every Day Cards</u> <i>9: Collections of Coins</i> 9: Showing Money in Different Ways</p> <p><u>Intervention</u> 17: Counting Coins 18: Wants and Needs</p>

Strand/Unit	Mathology.ca	Print Kit Prior to 2023
<b>Patterning and Algebra</b>		
Repeating Patterns	<p>1: Exploring Patterns 2: Finding Patterns 3: Extending and Predicting 4: Errors and Missing Elements 5: Combining Attributes 6: Consolidation</p>	<p><i>1. Exploring Patterns</i> 4. Finding Patterns (Gr1) <i>2. Extending and Predicting Patterns</i> <i>3. Errors and Missing Elements</i> <i>4. Combining Attributes</i> <i>5. Consolidation</i></p> <p><u>Math Every Day Card</u> 1: Show Another Way <del>1: Repeating Patterns Around Us</del></p> <p><u>Intervention</u> 1: Finding the Core 2: Representing Patterns</p>
Increasing and Decreasing Patterns	<p>7: Increasing Patterns 1 8: Increasing Patterns 2 9: Reproducing Patterns</p>	<p><i>6. Increasing Patterns 1</i> <i>7. Increasing Patterns 2</i> <del>8. Decreasing Patterns</del></p>

	<p>10: Creating Patterns  11: Errors and Missing Terms  12: Solving Problems  13: Consolidation</p>	<p><del>9. Extending Patterns</del>  10. Reproducing Patterns  11. Creating Patterns  12. Errors and Missing Terms  13. Solving Problems  14. Consolidation</p> <p><u>Math Every Day Card</u>  2A: How Many Can We Make?  2A: Error Hunt  <del>2B: Making Increasing Patterns-</del>  <del>2B: Making Decreasing Patterns-</del></p> <p><u>Intervention</u>  3: Skip-Counting  4: Repeated Addition and Subtraction</p>
Equality and Inequality	<p>14: Equal and Unequal Sets  15: Equal or Not Equal?  16: Exploring Number Sentences  17: Missing Numbers  18: Consolidation</p>	<p>15. Equal and Unequal Sets  16. Equal or Not Equal?  17. Exploring Number Sentences  <del>18. Exploring Properties</del>  19. Missing Numbers  20. Consolidation</p> <p><u>Math Every Day Card</u>  3A: Equal or Not Equal?  3A: How Many Ways?  3B: Which One Doesn't Belong?  3B: What's Missing?</p> <p><u>Intervention</u>  5: Exploring 10  6: Balancing Sets</p>

Strand/Unit	Mathology.ca	Print Kit Prior to 2023
<b>Measurement</b>		
Length (Combine Using Non-Standard Units and Using Standard Units)	<p>1: Measuring Length 1  2: Measuring Length 2  3: Measuring Distance Around  4: Benchmarks and Estimation  5: Using a Centicube Ruler  6: First Nations, Métis, and Inuit Use of Land to Estimate Length*  7: Consolidation</p>	<p>1. Measuring Length 1  2. Measuring Length 2  3. Measuring Distance Around  <del>4. Measuring Mass-</del>  <del>5. Measuring Area-</del>  <del>6. Measuring Capacity-</del>  7. Consolidation  8. Benchmarks and Estimation  <del>9. The Metre-</del>  <del>10. The Centimetre-</del>  <del>11. Metres or Centimetres?-</del>  12. Consolidation</p>

		<p><i>4: Using a Centicube Ruler (Intervention)</i></p> <p><u>Math Every Day Card</u>  <i>1: Estimation Scavenger Hunt*</i>  <i>1: Estimation Station*</i>  <i>2: What Am I?</i>  <i>2: Which Unit?</i></p> <p><u>Intervention</u>  1: Exploring Length  <del>2: Conserving Area</del>  3: Iterating the Unit  <del>4: Using a Centicube Ruler</del></p>
Time	8: Days and Weeks 9: Months in a Year 10: Measuring Time 11: Duration of Time 12: Measuring the Duration of Time* 13: First Nations Winter Counts* 14: Consolidation*	<p><b>Time and Temperature</b>  13. Days and Weeks  14. Months in a Year  15. Measuring Time  8. Measuring the Passage of Time (Gr1)  <del>16. Time to the Quarter Hour</del>  <del>17. Changes in Temperature</del>  <del>18. Consolidation</del></p> <p><u>Math Every Day Card</u>  <del>3A: Hula Hoop Clock</del>  3A: Calendar Questions  3B: Monthly Mix-Up  <del>3B: Thermometer Drop or Pop</del></p> <p><u>Intervention</u>  5: Months of the Year  <del>6: Telling Time</del></p>

Strand/Unit	Mathology.ca	Print Kit Prior to 2023
<b>Geometry</b>		
2-D Shapes	1: Sorting 2-D Shapes 2: Exploring 2-D Shapes 3: Consolidation	1. Sorting 2-D Shapes 2. Exploring 2-D Shapes <del>3. Constructing 2-D Shapes</del> <del>4. Symmetry in 2-D Shapes</del> <i>5. Consolidation</i>  <u>Math Every Day Card</u> 1: Visualizing Shapes 1: Comparing Shapes  <u>Intervention</u> 1: Sorting Shapes Using One Attribute

		2: Analyzing 2-D Shapes
3-D Solids	4: Sorting 3-D Solids 5: 3-D Solids Around Us 6: Consolidation	6. Sorting 3-D Solids 7. 3-D Solids Around Us <del>8. Constructing Solids</del> <del>9. Constructing Skeletons</del> <i>10. Consolidation</i>  <u>Math Every Day Card</u> 2A: Geometry in Poetry 2A: What Do You See? 2B: Solids Around Us 2B: Which Solid Does Not Belong  <u>Intervention</u> 3: Sorting Solids 4: Attributes of Solids
Geometric Relationships	7: Making Shapes 8: Describing Solids 9: Visualizing Shapes and Solids 10: Creating Pictures and Designs 11: Covering Outlines 12: Creating Symmetrical Designs 13: Exploring Transformations* 14: Slides, Flip, and Turns in Artwork* 15: Consolidation*	<i>11. Making Shapes</i> <del>12. Building with Solids</del> <i>6: Describing Solids (from Intervention)</i> 13. Visualizing Shapes and Solids 14. Creating Pictures and Designs 15. Covering Outlines 16. Creating Symmetrical Designs 13. Exploring Transformation (Gr3) <del>17. Consolidation</del>  <u>Math Every Day Card</u> 3A: Fill Me In! 3A: Make Me a Picture 3B: Name the Solid 3B: Draw the Shape  <u>Intervention</u> 5: Covering Outlines <del>6: Describing Solids</del>
Location and Movement (Kit)		<del>18. Reading Maps</del> <del>19. Drawing a Map</del> <del>20. Perspective Taking</del> <del>21. Consolidation</del>  <del>Math Every Day Card</del> <del>4A: Our Design</del> <del>4A: Treasure Map</del> <del>4B: Crazy Creatures</del> <del>4B: Perspective Matching Game</del>  <del>Intervention</del>

		<del>7: Tower Views-</del> <del>8: Direction Buddies-</del>
Coding (Kit)		<del>22: Exploring Coding-</del> <del>23: Coding on a Grid-</del> <del>24: Number Codes-</del> <del>25: Consolidation-</del>  <del>Math Every Day Card-</del> <del>5: Code of the Day-</del> <del>5: Wandering Animals-</del>  <del>Intervention-</del> <del>9: I Spy-</del> <del>10: Five Questions-</del>

Strand/Unit	Mathology.ca	Print Kit Prior to 2023
<b>Data</b>		
Data Management	1: Interpreting Graphs 1 2: Interpreting Graphs 2 3: Creating a Survey 4: Making Graphs 1 5: Making Graphs 2 6: Representing Data through First Nations, Métis, and Inuit Stories* 7: Consolidation	<del>1. Interpreting Graphs 1</del> <del>2. Interpreting Graphs 2</del> <del>3. Creating Survey</del> <del>4. Making Graphs 1</del> <del>5. Making Graphs 2</del> <del>6. Consolidation</del>  <u>Math Every Day Card</u> <del>1: Conducting Surveys</del> <del>1: Reading and Interpreting Graphs</del>  <u>Intervention</u> <del>1: Interpreting Pictographs</del> <del>2: Sorting Objects</del>
Probability and Chance (Kit)		<del>7: Likelihood of Events-</del> <del>8: Conducting Experiments-</del> <del>9: Consolidation-</del>  <del>Math Every Day Card-</del> <del>1: What's in the Bag?-</del> <del>2: Word of the Day-</del>  <del>Intervention-</del> <del>1: The Language of Chance-</del> <del>2: More or Less Likely?-</del>



Also available for Grade 2:

<p>Intervention</p>	<p><b>Number</b>  N1 – Counting: Skip Counting with Objects  N2 – Number Relationships 1: Comparing Quantities  N3 – Place Value: Adding Tens  N4 – Place Value: Taking Away Tens  N5 – Early Fractional Thinking: Naming Fractional Amounts  N6 – Number Relationships 2: Making 20  N7 – Conceptualizing Addition and Subtraction: Adding and Subtracting to 20  N8 – Conceptualizing Addition and Subtraction: Solving Story Problems  N9 – Operational Fluency: Making 10  N10 – Operational Fluency: Finding Doubles  N11 – Early Multiplicative Thinking: How Many Do You See?  N12 – Early Multiplicative Thinking: Messy and Organize It</p> <p><b>Patterning</b>  P1 – Repeating Patterns: Finding the Core  P2 – Repeating Patterns: Representing Patterns  P3 – Increasing/Decreasing Patterns: Skip-Counting  P4 – Increasing/Decreasing Patterns: Repeated Addition and Subtraction  P5 – Equality and Inequality: Exploring 10  P6 – Equality and Inequality: Balancing Sets</p> <p><b>Measurement</b>  M1 – Length: Exploring Length  M2 – Length: Iterating the Unit</p> <p><b>Time</b>  T3 – Time: Months of the Year</p> <p><b>Geometry</b>  G1 – 2-D Shapes: Sorting Shapes  G2 – 2-D Shapes: Analyzing 2-D Shapes  G3 – 3-D solids: Sorting Solids  G4 – 3-D Solids: Attributes of Solids  G5 – Geometric Relationships: Covering Outlines</p>	
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	<p><b>Statistics</b>  S1 – Data Management: Interpreting Pictographs  S2 – Data Management: Sorting Objects</p> <p><b>Financial Literacy</b>  FL13 – Financial Literacy: Counting Coins  FL14 – Financial Literacy: Wants and Needs</p>	
Math Every Day	<p><b>Number</b>  N1A – Counting: Skip-Counting on a Hundred Chart  N1B – Counting: Skip-Counting with Actions  N2 – Number Relationships 1: Guess My Number  N3A – Place Value: Adding Ten  N3A – Place Value: Taking Away Ten  N3B – Place Value: Thinking Tens  N3B – Place Value: Describe Me  N4 – Early Fractional Thinking: Modelling Fraction Amounts  N4 – Early Fractional Thinking: Naming Equal Parts  N5A – Number Relationships 2: Which Ten is Nearer?  N5A – Number Relationships 2: Building Numbers  N6 – Conceptualizing Addition and Subtraction: What Math Do You See?  N6 – Conceptualizing Addition and Subtraction: What Could the Story Be?  N7A – Operational Fluency: Doubles and Near-Doubles  N7A – Operational Fluency: I Have... I Need...  N7B – Operational Fluency: Hungry Bird  N7B – Operational Fluency: Make 10 Sequences  N8A – Early Multiplicative Thinking: Counting Equal Groups to Find How Many  N8A – Early Multiplicative Thinking: How Many Blocks?  N8B – Financial Literacy: Collection of Coins  N8B – Financial Literacy: Showing Money in Different Ways</p> <p><b>Patterning</b>  P1 – Repeating Patterns: Show Another Way</p>	

	<p>P1 – Repeating Patterns: Patterns Around Us</p> <p>P2 – Increasing/Decreasing Patterns: How Many Can We Make?</p> <p>P2 – Increasing/Decreasing Patterns: Error Hunt</p> <p>P3A – Equality and Inequality: Equal or Not Equal?</p> <p>P3A – Equality and Inequality: How Many Ways?</p> <p>P3B – Equality and Inequality: Which One Doesn't Belong?</p> <p>P3B – Equality and Inequality: What's Missing?</p> <p><b>Measurement</b></p> <p>M1A – Length: Estimation Scavenger Hunt</p> <p>M1A – Length: Estimation Station</p> <p>M1B – Length: What Am I?</p> <p>M1B – Length: Which Unit?</p> <p><b>Time</b></p> <p>T2 – Time: Calendar Questions</p> <p>T2 – Time: Monthly Mix-Up</p> <p><b>Geometry</b></p> <p>G1 – 2-D Shapes: Visualizing Shapes</p> <p>G1 – 2-D Shapes: Comparing Shapes</p> <p>G2A – 3-D Solids: Geometry in Poetry</p> <p>G2A – 3-D Solids: What Do You See?</p> <p>G2B – 3-D Solids: Solids Around Us</p> <p>G2B – 3-D Solids: Which Solid Does Not Belong?</p> <p>G3A – Geometric Relationships: Fill Me In!</p> <p>G3A – Geometric Relationships: Make Me a Picture</p> <p>G3B – Geometric Relationships: Name the Solid</p> <p>G3B – Geometric Relationships: Draw the Shape</p> <p><b>Statistics</b></p> <p>S1 – Data Management: Conducting Surveys</p> <p>S1 – Data Management: Reading and Interpreting Graphs</p>	
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