# Pearson Mathology
## Alberta Mathology Kits (Prior to 2023) and Mathology.ca
## GRADE 1

This document supports the use of Mathology Grade 1 kits, printed prior to 2023. Teachers can use this document, alongside Mathology.ca Grade 1 to make best use of the teacher and student cards in the kit with the new curriculum.

Green-New 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 and Cluster | Mathology.ca | Print Kit Prior to 2023 |
|---|---|---|
| Number | | |
| Counting<br><br><br><br><br><br><br>Skip-Counting **(Kit)** | 1: Counting to 20<br>2: Counting to 50<br>3: Counting On and Back<br>4: Bridging Tens*<br>5: Skip Counting Forward<br>6: Consolidation* | 1: Counting to 20<br>2: Counting to 50<br>*3: Counting On and Back*<br>1: Bridging Tens (Gr2)<br>13: Skip Counting Forward<br>~~4: Ordinal Numbers~~<br>~~5: Consolidation~~<br><br>~~14: Skip-Counting with Leftovers~~<br>~~15: Skip-Counting Backward~~<br>~~16: Consolidation~~ |
| Spatial Reasoning | 7: Subitizing to 10<br>8: Estimating Quantities<br>9: Consolidation | 6: Subitizing to 10<br>*7: Estimating Quantities*<br>*8: Consolidation* |
| Comparing and Ordering | 10: Comparing Sets Concretely<br>11: Comparing Sets Pictorially<br>12: Comparing Numbers to 100<br>13: Consolidation | *9: Comparing Sets Concretely*<br>*10: Comparing Sets Pictorially*<br>*11: Comparing Numbers to 50*<br>*12: Consolidation* |
| Composing and Decomposing | 14: Decomposing 10<br>15: Numbers to 10<br>16: Numbers to 20<br>17: Equal Groups<br>18: Equal Parts<br>19: Exploring Halves*<br>20: Consolidation | 17: Decomposing 10<br>18: Numbers to 10<br>19: Numbers to 20<br>*20: Money Amounts (Moved to Financial Literacy)*<br>21: Equal Groups<br>22: Equal Parts<br>*23: Consolidation* |
| Early Place Value | 21: Tens and Ones<br>22: Building and Naming Numbers | *24: Tens and Ones*<br>*25: Building and Naming Numbers* |

| | | |
|---|---|---|
| | 23: Different Representations<br>24: Consolidation | *26: Different Representations*<br>*27: Consolidation* |
| Operational Fluency | 25: More or Less<br>26: Complements of 10*<br>27: Adding to 20<br>28: Subtracting to 20<br>29: Fluency with 20*<br>30: The Number Line<br>31: Doubles<br>32: Part-Part-Whole<br>33: Patterns in Addition and Subtraction*<br>34: Solving Story Problems<br>35: Consolidation | 28: More or Less<br>32: Complements of 10 (Gr2)<br>29: Adding to 20<br>30: Subtracting to 20<br>34: Fluency with 20 (Gr2)<br>31: The Number Line<br>32: Doubles<br>*33: Part-Part-Whole*<br>34: Solving Story Problems<br>35: Consolidation |
| Financial Literacy | 36: Value of Coins<br>37: Value of Bills*<br>38: Counting Collections<br>39: Money Amounts*<br>40: Fair Trades<br>41: Wants and Needs<br>42: Goods and Services*<br>43: Consolidation* | 36: Values of Coins<br>37: Counting Collections<br>*38: Fair Trades*<br>*39: Wants and Needs*<br>~~40: Consolidation~~ |

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| **Patterns and Algebra** | | |
| Investigating Repeating Patterns | 1: Repeating the Core<br>2: Representing Patterns<br>3: Predicting Elements<br>4: Consolidation | 1: Repeating the Core<br>*2: Representing Patterns*<br>3: Predicting Elements<br>~~4: Finding Patterns~~<br>5: Consolidation |
| Creating Patterns | 5: Extending Patterns<br>6: Translating Patterns<br>7: Errors and Missing Elements<br>8: Consolidation | 6: Extending Patterns<br>*7: Translating Patterns*<br>8: Errors and Missing Elements<br>9: Consolidation |
| Patterns in Cycles (New Unit in Mathology.ca) | 9: Investigating Cycles*<br>10: Identifying and Describing Patterns in Cycles*<br>11: Creating and Extending Patterns in Cycles*<br>12: Consolidation* | |
| Equality and Inequality | 13: Exploring Sets<br>14: Making Equal Sets<br>15: Using Symbols<br>16: Consolidation | 10: Exploring Sets<br>11: Making Equal Sets<br>12: Using Symbols<br>*13: Consolidation* |

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| **Measurement** | | |
| Length, Capacity, and Area (Mathology.ca) | 1: Comparing Lengths<br>2: Matching Lengths*<br>3: Exploring Distance*<br>4: Comparing Capacity<br>5: Making Comparisons<br>6: Comparing Area<br>7: Consolidation | Comparing Objects<br>1: Comparing Length<br>7: Matching Lengths (Using Uniform Units)<br>2: Comparing Mass<br>3: Comparing Capacity<br>4: Making Comparisons<br>5: Comparing Area<br>6: Consolidation |
| Using Uniform Units (Kit) | | 7: Matching Lengths<br>8: Exploring the Metre<br>9: Using Multiple Units<br>10: A Benchmark of One Metre<br>11: Measuring Length<br>12: Iterating the Unit<br>13: Measuring Area<br>14: Measuring Capacity<br>15: Consolidation |
| Time (Mathology.ca) | 8: Ordering Events<br>9: Cycles in Seasons*<br>10: The Calendar<br>11: Cycles in the Calendar*<br>12: Consolidation | Time and Temperature<br>16: Ordering Events<br>17: Passage of Time<br>18: Telling Time<br>19: Relating to Seasons<br>20: The Calendar<br>21: Consolidation |


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| **Geometry** | | |
| 2-D Shapes | 1: Sorting Shapes<br>2: Identifying Triangles<br>3: Identifying Rectangles<br>4: Visualizing Shapes<br>5: Constructing 2-D Shapes*<br>6: Sorting Rules<br>7: Consolidation | 1: Sorting Shapes<br>2: Identifying Triangles<br>3: Identifying Rectangles<br>4: Visualizing Shapes<br>3: Constructing 2-D Shapes (Gr2)<br>5: Sorting Rules<br>6: Consolidation |
| 3-D Solids | 8: Exploring 3-D Solids<br>9: Sorting 3-D Solids<br>10: Identify the Sorting Rule<br>11: Consolidation | 7: Exploring 3-D Solids<br>8: Sorting 3-D Solids<br>9: Identify the Sorting Rule<br>10: Consolidation |
| Geometric Relationships | 12: Making Shapes*<br>13: Making Designs<br>14: Covering Outlines | 11: Faces of Solids<br>12: Making Designs<br>13: Covering Outlines |

|  | 15: Identifying Shapes in Designs<br>16: Faces of Solids<br>17: Building with Solids*<br>18: Consolidation | 14: Identifying Shapes<br>15: Consolidation |
|---|---|---|
| Symmetry | 19: Finding Lines of Symmetry<br>20: Symmetry in 2-D Shapes*<br>21: Creating Symmetrical Designs<br>22: Consolidation | 16: Finding Lines of Symmetry<br>17: Creating Symmetrical Designs<br>18: Consolidation |
| Location and Movement (Kit) |  | 19: Perspective Taking<br>20: Mapping<br>21: Consolidation |

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| **Data Management** | | |
| Data Management | 1: Making Concrete Graphs<br>2: Making Pictographs<br>3: Data Management in Our World*<br>4: Consolidation | 1. Interpreting Graphs<br>2: Making Concrete Graphs<br>3: Making Pictographs<br>4: Consolidation |
| Probability and Chance (Kit) |  | 5: Likelihood of Events<br>6: Consolidation |