**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

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| **Strand and Cluster** | **Mathology.ca** | **Print Kit Prior to 2023** |
| **Number** | | |
| Counting  Skip-Counting (Kit) | 1: Counting to 20  2: Counting to 50  3: Counting On and Back  4: Bridging Tens\*  5: Skip Counting Forward  6: Consolidation\* | 1: Counting to 20  2: Counting to 50  *3: Counting On and Back*  1: Bridging Tens (Gr2)  13: Skip Counting Forward  ~~4: Ordinal Numbers~~  ~~5: Consolidation~~  ~~14: Skip-Counting with Leftovers~~  ~~15: Skip-Counting Backward~~  ~~16: Consolidation~~ |
| Spatial Reasoning | 7: Subitizing to 10  8: Estimating Quantities  9: Consolidation | 6: Subitizing to 10  *7: Estimating Quantities*  *8: Consolidation* |
| Comparing and Ordering | 10: Comparing Sets Concretely  11: Comparing Sets Pictorially  12: Comparing Numbers to 100  13: Consolidation | *9: Comparing Sets Concretely*  *10: Comparing Sets Pictorially*  *11: Comparing Numbers to 50*  *12: Consolidation* |
| Composing and Decomposing | 14: Decomposing 10  15: Numbers to 10  16: Numbers to 20  17: Equal Groups  18: Equal Parts  19: Exploring Halves\*  20: Consolidation | 17: Decomposing 10  18: Numbers to 10  19: Numbers to 20  *20: Money Amounts (Moved to Financial Literacy)*  21: Equal Groups  22: Equal Parts  *23: Consolidation* |
| Early Place Value | 21: Tens and Ones  22: Building and Naming Numbers  23: Different Representations  24: Consolidation | *24: Tens and Ones*  *25: Building and Naming Numbers*  *26: Different Representations*  *27: Consolidation* |
| Operational Fluency | 25: More or Less  26: Complements of 10\*  27: Adding to 20  28: Subtracting to 20  29: Fluency with 20\*  30: The Number Line  31: Doubles  32: Part-Part-Whole  33: Patterns in Addition and Subtraction\*  34: Solving Story Problems  35: Consolidation | 28: More or Less  32: Complements of 10 (Gr2)  29: Adding to 20  30: Subtracting to 20  34: Fluency with 20 (Gr2)  31: The Number Line  32: Doubles  *33: Part-Part-Whole*  34: Solving Story Problems  35: Consolidation |
| Financial Literacy | 36: Value of Coins  37: Value of Bills\*  38: Counting Collections  39: Money Amounts\*  40: Fair Trades  41: Wants and Needs  42: Goods and Services\*  43: Consolidation\* | 36: Values of Coins  37: Counting Collections  *38: Fair Trades*  *39: Wants and Needs*  ~~40: Consolidation~~ |

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| **Strand and Cluster** | **Mathology.ca** | **Print Kit Prior to 2023** |
| **Patterns and Algebra** | | |
| Investigating Repeating Patterns | 1: Repeating the Core  2: Representing Patterns  3: Predicting Elements  4: Consolidation | 1: Repeating the Core  *2: Representing Patterns*  3: Predicting Elements  ~~4: Finding Patterns~~  5: Consolidation |
| Creating Patterns | 5: Extending Patterns  6: Translating Patterns  7: Errors and Missing Elements  8: Consolidation | 6: Extending Patterns  *7: Translating Patterns*  8: Errors and Missing Elements  9: Consolidation |
| Patterns in Cycles (New Unit in Mathology.ca) | 9: Investigating Cycles\*  10: Identifying and Describing Patterns in Cycles\*  11: Creating and Extending Patterns in Cycles\*  12: Consolidation\* |  |
| Equality and Inequality | 13: Exploring Sets  14: Making Equal Sets  15: Using Symbols  16: Consolidation | 10: Exploring Sets  11: Making Equal Sets  12: Using Symbols  *13: Consolidation* |

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

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| **Strand and Cluster** | **Mathology.ca** | **Print Kit Prior to 2023** |
| **Geometry** | | |
| 2-D Shapes | 1: Sorting Shapes  2: Identifying Triangles  3: Identifying Rectangles  4: Visualizing Shapes  5: Constructing 2-D Shapes\*  6: Sorting Rules  7: Consolidation | 1: Sorting Shapes  2: Identifying Triangles  3: Identifying Rectangles  4: Visualizing Shapes  3: Constructing 2-D Shapes (Gr2)  5: Sorting Rules  6: Consolidation |
| 3-D Solids | 8: Exploring 3-D Solids  9: Sorting 3-D Solids  10: Identify the Sorting Rule  11: Consolidation | 7: Exploring 3-D Solids  8: Sorting 3-D Solids  9: Identify the Sorting Rule  10: Consolidation |
| Geometric Relationships | 12: Making Shapes\*  13: Making Designs  14: Covering Outlines  15: Identifying Shapes in Designs  16: Faces of Solids  17: Building with Solids\*  18: Consolidation | 11: Faces of Solids  12: Making Designs  13: Covering Outlines  14: Identifying Shapes  15: Consolidation |
| Symmetry | 19: Finding Lines of Symmetry  20: Symmetry in 2-D Shapes\*  21: Creating Symmetrical Designs  22: Consolidation | 16: Finding Lines of Symmetry  17: Creating Symmetrical Designs  18: Consolidation |
| Location and Movement (Kit) |  | ~~19: Perspective Taking~~  ~~20: Mapping~~  ~~21: Consolidation~~ |

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