**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** |
| CountingSkip-Counting (Kit) | 1: Counting to 20 2: Counting to 50 3: Counting On and Back4: Bridging Tens\*5: Skip Counting Forward6: 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 Concretely11: Comparing Sets Pictorially12: Comparing Numbers to 10013: 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 Ones22: Building and Naming Numbers23: Different Representations24: 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 2028: Subtracting to 20 29: Fluency with 20\*30: The Number Line 31: Doubles 32: Part-Part-Whole33: 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 Patterns7: 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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| **Strand and Cluster** | **Mathology.ca** | **Print Kit Prior to 2023** |
| **Measurement** |
| Length, Capacity, and Area (Mathology.ca) | 1: Comparing Lengths2: Matching Lengths\*3: Exploring Distance\*4: Comparing Capacity5: Making Comparisons6: Comparing Area7: Consolidation | Comparing Objects1: 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 Designs16: Faces of Solids17: 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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| **Strand and Cluster** | **Mathology.ca** | **Print Kit Prior to 2023** |
| **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~~ |