**Pearson Mathology**

**Mathology.ca (Prior to 2023) and Alberta Mathology.ca (2023)**

**GRADE 3**

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 Unit** | **Mathology.ca**  **Updated Plan – 2022/23** | **Mathology.ca**  **Prior to 2022/23** |
| **Number** | | |
| ~~Counting~~ |  | ~~1: Numbers all around us~~  ~~2: Counting to 1000~~  ~~3: Skip-counting forward and backward~~  ~~4: Consolidation~~ |
| Number Relationships and Place Value | 1: Representing Numbers to 10 000\*  2: Composing and Decomposing Numbers to 10 000\*  3: Representing Larger Numbers\*  4: Rounding Numbers\*  5: Comparing and Ordering Numbers\*  6: Consolidation\* | ~~5: Estimating Quantities (not ON\*)~~  ~~6: Composing and Decomposing Quantities~~  ~~7: Comparing and ordering quantities~~  ~~8: Consolidation~~  ~~9: Building numbers~~  ~~10: Representing numbers in different ways~~  ~~11: What's the number?~~  ~~12: Consolidation~~  1: Representing Numbers to 10 000 (Gr4)  2: Composing and Decomposing Numbers to 10 000 (Gr4)  1: Representing Larger Numbers (Gr5)  4: Comparing and Ordering Numbers (Gr4)  6: Consolidation (Gr4) |
| Fractions | 7: Exploring Equal Parts  8: Comparing Fractions 1  9: Comparing Fractions 2  10: Comparing and Ordering Fractions\*  11: Consolidation\* | 14: Exploring Equal Parts  *15: Comparing Fractions 1*  16: Comparing Fractions 2  18: Comparing and Ordering Fractions (Gr4)  ~~17: Partitioning Sets~~  ~~18: Consolidation~~ |
| Addition and Subtraction | 12: Modelling Addition and Subtraction  13: Estimating Sums and Differences  14: Using Mental Math to Add and Subtract  15: Creating and Solving Problems  16: Creating and Solving Problems with Larger Numbers  17: Consolidation | 19: Modelling Addition and Subtraction  20: Estimating Sums and Differences  ~~21: Adding and Subtracting Money Amounts (ON only)~~  22: Using Mental Math to Add and Subtract  ~~23: Mastering Addition and Subtraction Facts~~  24: Creating and Solving Problems  25: Creating and Solving Problems with Larger Numbers  26: Consolidation |
| Early Multiplicative Thinking | 18: Exploring Repeated Addition\*  19: Repeated Addition and Multiplication\*  20: Exploring Multiplication  21: Repeated Subtraction and Division\*  22: Exploring Division  23: Consolidation\* | 40: Exploring Repeated Addition (Gr2)  41: Repeated Addition and Multiplication (Gr2)  27: Exploring Multiplication  42: Repeated Subtraction and Division (Gr2)  28: Exploring Division  43: Consolidation (Gr2) |
| Multiplication and Division | 24: Multiplication and Division Fact Families  25: Strategies for Multiplication\*  26: Relating Multiplication and Division\*  27: Strategies for Division\*  28: Dividing with Remainders\*  29: Solving Multiplication and Division Problems\*  30: Building Fluency: The Games Room  31: Consolidation | *29: Relating Multiplication and Division*  24: Strategies for Multiplication (Gr4)  26: Relating Multiplication and Division (Gr4)  27: Strategies for Division (Gr4)  34: Dividing with Remainders (Gr4)  25/27: Solving Multiplication and Division Problems (Gr4)  ~~30: Properties of Multiplication~~  ~~31: Creating and Solving Problems~~  32: Building Fluency: The Games Room  *33: Consolidation* |
| Financial Literacy | 32: Counting Money  33: Good Money Habits\*  34: Short-Term and Long-Term Savings Goals\*  35: Consolidation\* | *34: Estimating and Counting Money*  ~~35: Investigating Equality with Money~~  ~~36: Purchasing and Making Change~~  ~~37: Setting a Financial Goal (BC only)~~  ~~38: Consolidation~~ |

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| **Strand and Unit** | **Mathology.ca**  **Updated Plan – 2022/23** | **Mathology.ca**  **Prior to 2022/23** |
| **Patterning and Algebra** | | |
| Increasing and Decreasing Patterns | 1: Describing and Extending Patterns  2: Numerical Sequences\*  3: Representing Patterns  4: Creating Patterns  5: Identifying Errors and Missing Terms  6: Solving Problems  7: Exploring Multiplicative Patterns  8: Consolidation | 1: Describing and Extending Patterns  2: Representing Patterns  3: Creating Patterns  4: Identifying Errors and Missing Terms  5: Solving Problems  6: Exploring Multiplicative Patterns  *7: Consolidation* |
| Variables and Equations | 9: Exploring Number Sentences for Larger Numbers (from Grade 2)  10: Solving Equations Concretely  11: Strategies for Solving Equations  12: Creating Equations  13: Consolidation | 18: Exploring Number Sentences for Larger Numbers (Gr2)  8: Solving Equations Concretely  9: Strategies for Solving Equations  ~~10: Exploring the Associative Property~~  11: Creating Equations  *12: Consolidation* |
| Repeating Patterns |  | ~~13: Sorting with Attributes~~  ~~14: Identifying and Extending Patterns~~  ~~15: Creating Patterns~~  ~~16: Consolidation~~ |

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| **Measurement** | | |
| Length and Perimeter | 1: Estimating Length  2: The Metre\*  3: The Centimetre\*  4: Estimating and Measuring in Millimetres (from Grade 4)  5: Metres, Centimetres, or Millimetres?\*  6: Measuring Length  7: Imperial Measures\*  8: Measuring Perimeter  9: How Many Can You Make?  10: Consolidation | 1: Estimating Length  9: The Metre (Gr2)  10: The Centimetre (Gr2)  11: Metres or Centimetres? (Gr2)  1: Estimating and Measuring in Millimetres (Gr4)  *3: Measuring Length*  5: Measuring Perimeter  6: How Many Can You Make?  *7: Consolidation*  ~~2: Relating Centimetres and Metres~~  ~~4: Introducing Perimeter~~ |
| Time | 11: Relationships Among Units of Time  12: Telling Time in One- and Five- Minute Intervals\*  13: Telling Time on a 24-Hour Clock\*  14: Consolidation\* | ~~8: Measuring the Passage of Time~~  *9: Relationships Among Units of Time*  ~~10: Telling Time~~  ~~11: Reading a Thermometer~~  13: Telling Time in One- and Five- Minute Intervals (Gr4)  14: Telling Time on a 24-Hour Clock (Gr4)  ~~12: Consolidation~~  18: Consolidation (Gr4) |
| ~~Area, Mass, and Capacity~~ |  | ~~13: Measuring Area Using Non-Standard Units~~  ~~14: Measuring Area Using Standard Units~~  ~~15: Measuring Mass~~  ~~16: Measuring Capacity~~  ~~17: Consolidation~~ |

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| **Geometry** | | |
| 2-D Shapes | 1: Sorting Polygons  2: What’s the Sorting Rule?  3: Geometric Relationships\*  4: Transformations\*  5: Consolidation | 1: Sorting Polygons  2: What’s the Sorting Rule?  ~~3: Composing Shapes~~  ~~4. Exploring Quadrilaterals~~  *5. Consolidation* |
| ~~3-D Solids~~ |  | ~~6. Exploring Geometric Attributes of Solids~~  ~~7. Building Solids~~  ~~8. Constructing Solids~~  ~~9. Working with Nets~~  ~~10. Consolidation~~ |
| ~~Symmetry and Transformations~~ |  | ~~11. Identifying Symmetrical Designs~~  ~~12. Exploring Congruency~~  ~~13. Exploring Transformations~~  ~~14. Consolidation~~ |
| ~~Mapping and Coding~~ |  | ~~15. Describing Location~~  ~~16. Describing Movement on a Map~~  ~~17. Coding on a Grid~~  ~~18. Exploring Loops in Coding~~  ~~19. Consolidation~~ |
| Angles | 6: Investigating Angles  7: Comparing Angles  8: Consolidation |  |

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| **Data** | | |
| Data Management | 1: Interpreting Bar Graphs  2: Interpreting Dot Plots  3: Collecting Data  4: Drawing Bar Graphs  5: Drawing Dot Plots  6: First Nations, Metis, or Inuit Representations of Data\*  7: Consolidation | 1A: Interpreting Bar Graphs  2A: Interpreting Line Plots  *3A: Collecting Data*  4A: Drawing Bar Graphs  5A: Drawing Line Plots  *6A: Consolidation* |
| ~~Probability and Chance~~ |  | ~~7A: Describing Likelihood of Outcomes~~  ~~8A: Understanding Chance~~  ~~9A: Who’s Likely to Win?~~  ~~10A: Consolidation~~ |