**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 Parts8: Comparing Fractions 19: Comparing Fractions 210: 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 Subtraction13: Estimating Sums and Differences14: Using Mental Math to Add and Subtract15: Creating and Solving Problems16: Creating and Solving Problems with Larger Numbers17: 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 Multiplication21: Repeated Subtraction and Division\*22: Exploring Division23: 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 Families25: 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 Room31: 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 Money33: 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 Patterns2: Numerical Sequences\*3: Representing Patterns4: Creating Patterns5: Identifying Errors and Missing Terms6: Solving Problems7: Exploring Multiplicative Patterns8: 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 Concretely11: Strategies for Solving Equations12: Creating Equations13: 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 Length2: The Metre\*3: The Centimetre\*4: Estimating and Measuring in Millimetres (from Grade 4)5: Metres, Centimetres, or Millimetres?\*6: Measuring Length7: Imperial Measures\*8: Measuring Perimeter9: 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 Time12: 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 Polygons2: 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 Angles7: Comparing Angles8: Consolidation |  |

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| **Data** |
| Data Management | 1: Interpreting Bar Graphs2: Interpreting Dot Plots3: Collecting Data4: Drawing Bar Graphs5: Drawing Dot Plots6: 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~~ |