|  |  |  |
| --- | --- | --- |
| **MATHOLOGY GRADES 1, 2, & 3** | | |
| **GRADE 1** | **GRADE 2** | **GRADE 3** |
| **NUMBER** | | |
| 1. Counting 2. Spatial Reasoning 3. Comparing and Ordering 4. Skip Counting 5. Composing and Decomposing 6. Early Place Value 7. Operational Fluency 8. Financial Literacy | 1. Counting 2. Number Relationships 1 3. Grouping and Place Value 4. Early Fractional Thinking 5. Number Relationships 2 6. Conceptualizing Addition and Subtraction 7. Operational Fluency 8. Early Multiplicative Thinking 9. Financial Literacy | 1. Counting  2. Number Relationships  3. Place Value  5. Addition and Subtraction  4. Fractions  6. Multiplication and Division  7. Financial Literacy |
| **PATTERNING AND ALGEBRA** | | |
| 1. Investigating Repeating Patterns 2. Creating Patterns 3. Equality and Inequality | 1. Repeating Patterns 2. Increasing and Decreasing Patterns 3. Equality and Inequality | 1. Increasing and Decreasing Patterns  2. Variables and Equations |
| **MEASUREMENT** | | |
| 1. Comparing Objects 2. Using Uniform Units 3. Time and Temperature | 1. Using Non-Standard Units 2. Using Standard Units 3. Time and Temperature | 1. Length and Perimeter  2. Time and Temperature  3. Area, Mass, and Capacity (BC only) |
| **GEOMETRY** | | |
| 1. 2-D Shapes 2. 3-D Solids 3. Geometric Relationships 4. Symmetry 5. Location and Movement | 1. 2-D Shapes 2. 3-D Solids 3. Geometric Relationships 4. Location and Movement 5. Coding | 1. 2-D Shapes (not BC)  2. 3-D Solids  4. Mapping and Coding |
| **DATA** | | |
| 1. Data Management 2. Probability and Chance | 1. Data Management 2. Probability and Chance | 1. Data Management  2. Probability and Chance |
| **MATHOLOGY GRADES 4, 5, & 6** | | |
| **GRADE 4** | **GRADE 5** | **GRADE 6** |
| **NUMBER** | | |
| 1. Number Relationships and Place Value 2. Fluency with Addition and Subtraction 3. Fractions 4. Decimals 5. Fluency with Multiplication and Division Facts 6. Multiplying and Dividing Larger Numbers 7. Operations with Decimals 8. Financial Literacy | 1. Number Relationships and Place Value 2. Fluency with Addition and Subtraction 3. Fractions and Decimals 4. Fluency with Multiplication and Division 5. Operations with Decimals 6. Financial Literacy | 1. Number Relationships and Place Value 2. Fluency with Whole Numbers 3. Fractions, Decimals, Percents, and Integers 4. Operations with Decimals 5. Financial Literacy |
| **PATTERNING AND ALGEBRA** | | |
| 1. Increasing and Decreasing Patterns 2. Variables and Equations 3. Coding | 1. Patterning 2. Variables and Equations 3. Coding | 1. Patterning 2. Variables and Equations 3. Coding |
| **MEASUREMENT** | | |
| 1. Length, Perimeter, and Area 2. Time | 1. Length, Perimeter and Area 2. Volume (Not BC), Capacity, and Mass 3. Time (BC only) | 1. Perimeter, Area, Volume, and Capacity |
| **GEOMETRY** | | |
| 1. 2-D Shapes and 3-D Solids (Not BC) 2. 2-D Shapes and Angles (BC only) | 1. 2-D Shapes and 3-D Solids 2. Transformations | 1. 2-D Shapes and Angles 2. Transformations |
| **DATA** | | |
| 1. Data Management 2. Probability (BC only) | 1. Data Management 2. Probability | 1. Data Management 2. Probability |

|  |  |  |
| --- | --- | --- |
| **MATHOLOGY TABLE OF CONTENTS GRADES 7,8,9** | | |
| **GRADE 7** | **GRADE 8** | **GRADE 9** |
| **NUMBER** | | |
| 1. Number Relationships 2. Fractions, Decimals and Percents 3. Operations with Fractions Decimals and Percents 4. Financial Literacy 5. Fluency with integers | 1. Fluency with Whole Numbers and Integers 2. Proportions, Ratios, Rates and Percents 3. Operations with Fractions and mixed Numbers 4. Financial Literacy | Coming September 2024 |
| **PATTERNING AND ALGEBRA** | | |
| 1. Linear Patterns and Equations 2. Variables and Equations 3. Coding | 1. Linear Relations and Equations |  |
| **GEOMETRY AND MEASURMENT** | | |
| 1. 2-D Shapes and 3-D Objects 2. Transformations on a Cartesian Plane | 1. 2-D Shapes and 3-D Solids 2. Tessellations |  |
| **DATA** | | |
| 1. Data Management 2. Probability | 1. Data Management 2. Probability |  |
|  | | |