|  |  |  |
| --- | --- | --- |
| **MATHOLOGY UNIT OVERVIEW 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. Patterns and Expressions 2. Repeating Patterns |
| **MEASUREMENT** | | |
| 1. Comparing Objects 2. Time | 1. Using Non-Standard Units 2. Using Standard Units 3. Time | 1. Length, Perimeter, and Time  2. Area, Mass, and Capacity |
| **GEOMETRY** | | |
| 1. 2-D Shapes 2. 3-D Solids 3. Symmetry 4. Location and Movement | 1. 2-D Shapes 2. Geometric Relationships 3. Location and Movement 4. Coding | 1. 2-D Shapes  2. 3-D Solids  3. Mapping and Coding  4. Angles |
| **DATA** | | |
| 1. Data Management 2. Probability and Chance | 1. Data Management 2. Probability and Chance | 1. Data Management  2. Probability and Chance |
| **MATHOLOGY TABLE OF CONTENTS 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 & Fractions 8. Financial Literacy | 1. Number Relationships and Place Value 2. Fluency with Addition and Subtraction 3. Fractions and Decimals (and Percents) 4. Fluency with Multiplication and Division 5. Operations with Decimals and Fractions 6. Financial Literacy | 1. Number Relationships and Place Value 2. Fluency with Whole Numbers 3. Fractions, Decimals, Percents, and Integers 4. Operations with Decimals, Fractions, and Percents 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. Mass and Capacity 3. Time | 1. Length, Perimeter, and Area 2. Mass and Capacity | 1. Length, Mass, Capacity, and Area |
| **GEOMETRY** | | |
| 1. 2-D Shapes and Angles 2. Grids and Transformations | 1. 2-D Shapes, Angles, and 3-D Solids 2. Grids and Transformations | 1. 2-D Shapes and Angles 2. Transformations |
| **DATA** | | |
| 1. Data Management 2. Probability | 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. Proportional Reasoning 3. Operations 4. Financial Literacy | 1. Number Relationships 2. Proportional Reasoning 3. Operations 4. Financial Literacy | Coming September 2024 |
| **PATTERNING AND ALGEBRA** | | |
| 1. Patterns and Linear Relationships 2. Variables and Equations 3. Coding | 1. Patterns and Relations 2. Variables and Equations 3. Coding |  |
| **SPATIAL SENSE** | | |
| 1. 2-D Shapes 2. 3-D Objects | 1. 2-D Shapes and 3-D Objects |  |
| **DATA** | | |
| 1. Data Management 2. Probability | 1. Data Management 2. Probability |  |
|  | | |