|  |  |  |
| --- | --- | --- |
| **MATHOLOGY GRADES 1, 2, & 3** | | |
| **GRADE 1** | **GRADE 2** | **GRADE 3** |
| **NUMBER** | | |
| 1. Counting 2. Spatial Reasoning 3. Comparing and Ordering 4. Composing and Decomposing 5. Early Place Value 6. Operational Fluency 7. Financial Literacy | 1. Counting 2. Number Relationships 1 3. Grouping and Place Value 4. Number Relationships 2 5. Early Fractional Thinking 6. Conceptualizing Addition and Subtraction 7. Operational Fluency 8. Early Multiplicative Thinking 9. Financial Literacy | 1. Number Relationships and Place Value  2. Addition and Subtraction  3. Fractions  4. Early Multiplicative Thinking  Multiplication and Division  5. Financial Literacy |
| **PATTERNING AND ALGEBRA** | | |
| 1. Investigating Repeating Patterns 2. Creating Patterns 3. Equality and Inequality 4. Patterns in Cycles | 1. Repeating Patterns 2. Increasing and Decreasing Patterns 3. Equality and Inequality | 1. Increasing and Decreasing Patterns  2. Variables and Equations |
| **MEASUREMENT** | | |
| 1. Length, Capacity and Area 2. Time | 1. Measuring Length 2. Time and Temperature | 1. Length and Perimeter  2. Angles  3. Time |
| **GEOMETRY** | | |
| 1. 2-D Shapes 2. 3-D Solids 3. Geometric Relationships 4. Symmetry | 1. 2-D Shapes 2. 3-D Solids 3. Geometric Relationships | 1. 2-D Shapes |
| **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, Decimals and Ratios 4. Multiplying and Dividing with Larger Numbers 5. Operations with Fractions and Decimals 6. Financial Literacy | 1. Number Relationships 2. Fluency with Whole Numbers 3. Fractions, Decimals, Percents, Ratios and Rates 4. Integers 5. Operations with Fractions, Decimals and Percents 6. Financial Literacy |
| **PATTERNING AND ALGEBRA** | | |
| 1. Increasing and Decreasing Sequences 2. Variables and Equations | 1. Patterns and Relations 2. Variables and Equations | 1. Functions 2. Variables and Equations |
| **MEASUREMENT** | | |
| 1. Area 2. Time | 1. Perimeter and Area 2. 2-D Shapes and Coordinate Grids | 1. Area and Volume |
| **GEOMETRY** | | |
| 1. Shapes, Prisms and Angles | 1. 2-D Shapes and 3-D Solids 2. Transformations | 1. 2-D Shapes, transformations and the Cartesian Plane 2. Transformations |
| **DATA** | | |
| 1. Data Management | 1. Data Management | 1. Statistics |

|  |  |  |
| --- | --- | --- |
| **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 |  |
|  | | |