**Letcher County Curricular Map and Pacing Guide for Mathematics**

**GRADE: 3**

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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **2 weeks****Weeks:** 1 & 2**Days:** 1-10 | **Unit 1:A**Exploring Base Ten  | **Standard:**Numbers and Operation in BaseTen3.NBT.13.NBT.2 | * Use place value understanding and properties of operations to perform multi-digit arithmetic
 | * Place value
* Rounding
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks** **Weeks:** 3, 4, 5, & 6**Days:** 11-17 | **Unit 2:A**Grouping Numbers  | **Standard:**Operations and Algebraic Thinking3.OA.13.OA.2 | * Represent and solve problems involving multiplication and division.
* Use place value understanding and properties of operations to perform multi-digit arithmetic.
 | * Multiplication
* Division

 * Word problem solving
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks** **Weeks:** 3, 4, 5, & 6**Days:** 18-30 | **Unit 2:B**Grouping Numbers  | **Standard:**Operations and Algebraic Thinking 3.OA.33.NBT.3 | * Represent and solve problems involving multiplication and division.
* Use place value understanding and properties of operations to perform multi-digit arithmetic.
 | * Multiplication
* Division
* Word problem solving
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks** **Weeks:** 7, 8, 9, & 10**Days:** 31-40 | **Unit 3:A**Properties  | **Standard:**Operations and Algebraic Thinking 3.OA.4 | * Represent and solve problems involving multiplication and division.
* Understand properties of multiplication and the relationship between multiplication and division.
 | * Commutative Property
* Associative Property
* Distributive Property
* Determining Unknowns
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks** **Weeks:** 7, 8, 9, & 10**Days:** 41-50 | **Unit 3:B**Properties  | **Standard:**Operations and Algebraic Thinking 3.OA.5 | * Represent and solve problems involving multiplication and division.
* Understand properties of multiplication and the relationship between multiplication and division.
 | * Commutative Property
* Associative Property
* Distributive Property
* Determining Unknowns
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks** **Weeks:** 11, 12, 13, & 14**Days:** 51-59 | **Unit 4:A**Multiplying, Dividing, and Finding Patterns  | **Standard:** Operations and Algebraic Thinking 3.OA.63.OA.7 | * Understand properties of multiplication and the relationship between multiplication and division.
* Solve problems within 100.
* Solve problems involving the four operations and identify and explain patterns in arithmetic.
 | * Multiplication
* Division
* Solve word problems using the four operations
* Pattern
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **4 weeks****Weeks:** 11, 12, 13, & 14**Days:** 60-70 | **Unit 4:B**Multiplying, Dividing, and Finding Patterns  | **Standard:**Operations and Algebraic Thinking 3.OA.83.OA.9 | * Understand properties of multiplication and the relationship between multiplication and division.
* Solve problems within 100.
* Solve problems involving the four operations and identify and explain patterns in arithmetic.
 | * Multiplication
* Division
* Solve word problems using the four operations
* Pattern
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 15, 16, 17, 18, 19, & 20**Days:** 71-84 | **Unit 5:A**Fractions as Numbers  | **Standard:**Numbers and Operations-Fractions Geometry 3.NF.13.NF.2a3.NF.2b | * Develop understanding of fractions as numbers
* Reasons with shapes and their attributes
 | * Fractions as Numbers
* Equivalent fractions
* Fractions on a number line
* Comparing fractions
* Dividing shapes into equal areas and expressing those areas as fractions
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 15, 16, 17, 18, 19, & 20**Days:** 85-92 | **Unit 5:B**Fractions as Numbers  | **Standard:**Numbers and Operations-Fractions Geometry 3.NF.3a3.NF.3b3.NF.3c  | * Develop understanding of fractions as numbers
* Reasons with shapes and their attributes
 | * Fractions as Numbers
* Equivalent fractions
* Fractions on a number line
* Comparing fractions
* Dividing shapes into equal areas and expressing those areas as fractions
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 15, 16, 17, 18, 19, & 20**Days:** 93-100 | **Unit 5:C**Fractions as Numbers  | **Standard:**Numbers and Operations-Fractions Geometry 3.NF.3d3.G.2 | * Develop understanding of fractions as numbers
* Reasons with shapes and their attributes
 | * Fractions as Numbers
* Equivalent fractions
* Fractions on a number line
* Comparing fractions
* Dividing shapes into equal areas and expressing those areas as fractions
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 21, 22, & 23**Days:** 101-115 | **Unit 6:A**Time, Volume, and Mass  | **Standard:**Measure and Data 3.MD.13.MD.2 | * Solve problems involving measurement and estimate of intervals of time, liquid volumes, and masses of objects.
 | * Tell and write time
* Time intervals
* Elapsed time
* Measure and estimate liquid volumes and masses of objects
* Solve one step word problems using standard units of measure
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 24, 25, 26, 27, & 28**Days:** 116-125 | **Unit 7:A** Interpret Data and Measure  | **Standard:**Measurement and Data 3.MD.33.MD.4 | * Represent and Interpret Data
* Geometric measurement understand concepts of areas and relate area to multiplication and to addition
 | * Analyzing picture and bar graphs
* Area
* Distributive property
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 24, 25, 26, 27, & 28**Days:** 126-132 | **Unit 7:B**Interpret Data and Measure | **Standard:**Measurement and Data 3.MD.5a3.MD.5b3.MD.63.MD.7a | * Represent and Interpret Data
* Geometric measurement understand concepts of areas and relate area to multiplication and to addition
 | * Analyzing picture and bar graphs
* Area
* Distributive property
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 24, 25, 26, 27, & 28**Days:** 133-137 | **Unit 7:C**Interpret Data and Measure | **Standard:**Measurement and Data 3.MD.7b3.MD.7c | * Represent and Interpret Data
* Geometric measurement understand concepts of areas and relate area to multiplication and to addition
 | * Analyzing picture and bar graphs
* Area
* Distributive property
 |
| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 24, 25, 26, 27, & 28**Days:** 138-140 | **Unit 7:D**Interpret Data and Measure | **Standard:**Measurement and Data 3.MD.7d | * Represent and Interpret Data
* Geometric measurement understand concepts of areas and relate area to multiplication and to addition
 | * Analyzing picture and bar graphs
* Area
* Distributive property
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 29 & 30 **Days:** 140-145 | **Unit 8:A**Perimeter, Area, and Attributes  | **Standard:**Measurement and Data Geometry 3.MD.8 | * Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures
* Reason with shapes and their attributes
 | * Perimeter
* Area
* Shapes and their attributes
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| **Weeks/ Length of Unit** | **Title/Content** | **Domain(s)** | **Standard Cluster** | **Skills Assessed** |
| **Weeks:** 29 & 30 **Days:** 146-150 | **Unit 8:B**Perimeter, Area, and Attributes  | **Standard:**Measurement and Data Geometry 3.G.1 | * Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures
* Reason with shapes and their attributes
 | * Perimeter
* Area
* Shapes and their attributes
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