**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 Base  Ten  3.NBT.1  3.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 Thinking  3.OA.1  3.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.3  3.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 |
| **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 |
| **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.6  3.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.8  3.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 |
| **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.1  3.NF.2a  3.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 |
| **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.3a  3.NF.3b  3.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.3d  3.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.1  3.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.3  3.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.5a  3.MD.5b  3.MD.6  3.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.7b  3.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 |
| **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 |