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| Time Frame | Topic | Skills/Concepts | Major Assessments | Core Standards | Resources |
| September | **Module 1 Multiplication & Division**  & Review 2nd grade concepts with place value *(moving to algorithms vs. place value charts for adding greater numbers)*  ***Properties of Multiplication and Division and Solving Problems with Units of 2–5 and 10*** | * Review of addition and subtraction 2 & 3 digit numbers * Subtract across zeros * Place value & odd & even review * Add & Subtract with & without regrouping up to 4 digit numbers * Add three or four - 2 or 3 digit numbers in column * Multiplication basics using picture models like arrays, groups, number bonds, tape diagrams, etc. * Word problems involving all 4 operations both 1 & 2 step * Word Problems – meaning of unknown & letter in place of unknown |  | 3.NBT.1  3.NBT.2  3.NBT.2  3.OA.8  3.OA.1  3.OA.2  3.OA.3  3.OA.9  3.OA.8  3.NBT.3 |  |
| October | **Module 1 Multiplication & Division** | * Continue above September list * Division basics using picture models like arrays, groups, number bonds, tape diagrams, etc. * Commutative Property * Distributive Property   Associative Property |  | 3.OA.2  3.OA.3  3.OA.4  3.OA.6 |  |
| November | **Module 2 Problem Solving w/ Measurement Concepts**  ***Place Value and Problem Solving with Units of Measure*** | * Time to nearest quarter, 5 min, 1 min, elapsed time within the hour using timelines & algorithms to solve word problems * Rounding to nearest 10 & 100 * Word problems 1 & 2 step * Measurement – Weight & Volume including: Grams, Kg, Liters mL * Solve mixed word problems involving all four operations with grams, kilograms, liters, and milliliters given in the same units. |  | 3.MD.1  3.MD.2 |  |
| December | **Module 3 Multiplication & Division higher numbers**  ***Multiplication and Division with Units of 0, 1, 6–9, and Multiples of 10 &***  **Module 6 Data**  ***Collecting and Displaying Data*** | * Multiplication with Multiples of 10 & 6-9 * Commutative Property - build on previous Module 1 * Distributive Property – build on previous Module 1 * Associative Property - build on previous Module 1 * Odd & Even review * Interpret, Collect, & Analyze Data using Charts & Tables * Analyze & Create Bar graphs * Analyze & Create Pictographs * Analyze & Create Line plots & line graphs |  | 3.OA.5  3.OA.7  3.MD.3 |  |
| January | **Module 5 Fractions**  ***Fractions as Numbers on the Number Line*** | * Partitioning a Whole into Equal Parts * Unit Fractions and Their Relation to the Whole * Comparing Unit Fractions and Specifying the Whole * Fractions on the Number Line * Equivalent Fractions   Comparison, Order, and size of Fractions |  | 3.MD.4  3.NF.1  3.NF.2a  3.NF.2b  3.NF.3a  3.NF.3b  3.NF.3c  3.NF.3d  3.G.2 |  |
| February | **Continue Module 5 Fractions** **&**  **Module 7 Pre-test concepts**  ***Geometry and Measurement Word Problems*** | * Geometry – 2D and 3D shapes and their attributes review * recognizing the characteristics of polygons * polygons and their properties, specifically developing and expanding their knowledge of quadrilaterals |  | 3.G.1  3.MD.8 |  |
| March | **Module 6** &  ***Collecting and Displaying Data***  **Module 4**  ***Multiplication and Area*** | * Interpret measurement data from various line plots. * Represent measurement data with line plots. * Analyze data to problem solve * Generate and Analyze Categorical Data * Generate and Analyze Measurement Data * Geometry – analyze 2D polygons & attributes/properties - quadrilaterals * Area concepts using grid lines/paper & l x w * Measure areas by counting unit squares * Relate area to the operations of multiplication and addition * Analyze different rectangles and reason about their area * Apply distributive property as a strategy to find the total   area of a large rectangle by adding two products |  | 3.MD.3  3.MD.4  3.MD.8  3.G.1 |  |
| April | **Modules 1-6 Review & Practice** | * Mixed Review of all concepts with heavy emphasis on Word Problems including multi-step word problems |  |  |  |
| May | **Module 7 Post-Test concepts**  ***Geometry and Measurement Word Problems*** | * Problem solving using geometry & patterns * use tangrams and tetrominoes to compose and decompose shapes * solving one- and two-step word problems based on a variety of topics studied throughout the year and including all four operations * hands-on investigation experiences with geometry and perimeter * polygons and their properties, specifically developing and expanding their knowledge of quadrilaterals * explore the attributes of quadrilaterals & classify examples into various categories |  | 3.G.1  3.G.2 |  |
| June | **Mixed Review of all 3rd grade concepts and Beginning 4th Grade concepts introduced** | * Introduce beginning 4th grade concepts including: long division * Division with remainders * Multiplication of 2 digit x 2 digit numbers * Problem solving using all 4 operations – multi-step |  | 3.OA.7  4.OA.5  4.OA.6 |  |