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| Start |  |  |
| Instr.  Weeks | 5 weeks | 6 weeks |
| Unit | **Unit 1: *Deepening Addition***  ***& Subtraction Fact Strategies*** | **Unit 2: *Units: Place Value, Money and Time*** |
| Essential Question | **How can mastering addition and subtraction facts help with other areas of math?** | **How does it help us in life to know how numbers can be decomposed into smaller parts?** |
| Power  Standards | Fluency with addition and  subtraction facts  2.OA.B Add and subtract within 20  2.NBTA Understand place value  2.NBT.B Use place value understanding and properties of operations to add and subtract | Using units to solve problems  2.NBT.B Use place value understanding and properties of operations to add and subtract.  2.MD.C Work with time and money  2.NBTA Understand place value |
| Vocabulary | addition (sum); base ten  comparison (greater than, less than, equal to); commutative property;  compose; decompose; equation;  fact family; fact strategies;  inverse operation; part-part-whole;  place value; skip count; subtraction (difference) | analog clock; digit; digital clock;  dime; half-hour; hour; hour hand;  minute hand; nickel; one-units;  quarter; penny; place value;  ten-units; unit; a.m./p.m. |
| Assess  ment |  |  |

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| Start |  |  |
| Instr.  Weeks | 7 weeks | 4 weeks |
| Unit | **Unit 3: *Using Strategies & Algorithms to Add and Subtract*** | **Unit 4: *Estimating and Measuring Length*** |
| Essential Question | **How do you determine when to add and when to subtract in a word problem?** | **Why and how do we use standard units to solve linear measurement problems?** |
| Power  Standards | Fluently adding and subtracting within 100  2.OA A Represent and solve problems involving addition and subtraction.  2.OA Add and subtract within 20  2.OA.C Work with equal groups of objects to gain foundations for multiplication.  2.NBT.A Understand place value.  2.NBT.B Use place value understanding and properties of operations to add  and subtract | Identifying and using standards  units to measure length and solve related problems  2.MD.A Measure and estimate lengths in standard units.  2.MD.B Relate addition and subtraction to length.  2.MD.D Represent and interpret data |
| Vocabulary | addend; associative; commutative;  compose/decompose; difference;  digit; equation; inverse relationship;  solution; strategy; sum; unknown | bar graph; compare;  equations representing data; estimate; interpreting data; line plot; measure; number line diagram; picture graph; representing data;  standard linear measures; unit;  word problems |
| Assess  ment |  |  |

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| Start |  |  |
| Instr.  Weeks | 4 weeks | 6 weeks |
| Unit | **Unit 5: *Sorting, Classifying and Representing Data*** | **Unit 6: *Addition and Subtraction within 1000*** |
| Essential Question | **How do data displays help us in real life?** | **How does composing and decomposing numbers help us solve problems?** |
| Power  Standards | Making sense of our world  2.OA.A Represent and solve problems involving addition and subtraction  2.MD.A Measure and estimate  lengths in standard units.  2.MD.B Relate addition and subtraction to length.  2.MD.D Represent and interpret data | Computing with whole numbers within 1000  2.OA.A Represent and solve problems involving addition and subtraction  2.OA.B Add and subtract within 20  2.NBT.A Understand place value  2.NBT.B Use place value understanding and properties of operations to  add and subtract |
| Vocabulary | category; classify; collect; column; combine; compare; data; different;  draw conclusions; interpret; investigate; least; less than;  more than; most; organize;  precise; question; range; represent; same; sort; survey | commutative property; compose; decompose;  difference; digit; even; inverse relationships;  odd; partial sums; regrouping; solution strategies;  sum |
| Assess ment |  |  |

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| Start |  |
| Instr.  Weeks | 4 weeks |
| Unit | **Unit 7: *Geometric Shapes (2D and 3D)*** |
| Essential Question | **How does spatial reasoning and visualization help to orient thinking to the physical world?** |
| Power  Standards | Reasoning about shapes and their attributes  2. GA Reason with shapes and their attributes |
| Vocabulary | 2-dimensional shapes;  3-dimensional shapes;  attributes of shapes;  equal shares; fourths; halves  nets; partitioning; shapes;  relationship between 2- and 3-  dimensional figures;  thirds; whole |
| Assess ment |  |