Grade Level/	Course Title	e: Grade 2	Trimester 1	Academic Year: 2014-2015					
Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.									
<ul> <li>Ssential Questions for this Unit:         <ul> <li>How can students extend their understanding of the base-ten system, including ideas of counting in fives, tens, and multiples of hundreds, tens, and ones, as well as number relationships involving these units, including comparing?</li> <li>How can students understand multi-digit numbers (up to 1000) written in base-ten notation, recognizing that the digits in each place represent amounts of thousands, hundreds, tens, or ones (e.g., 853 is 8 hundreds + 5 tens + 3 ones)?</li> </ul> </li> </ul>									
Unit (Time)	Standard	Standard Description	Content	Triumphs/Resources					
(Aug Nov.)	2.OA.1	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking anart, and comparing, with unknowns in	<ul> <li>Using open number lines and bar models with single digit numbers</li> </ul>	Chapter 2 (25 days) Lesson 1-1: Numbers 0 to 20 Lesson 1-2: Numbers 0 to 50					
Unit 1:		all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	<ul> <li>Decomposition by place value</li> <li>Decomposition of whole numbers by addition</li> </ul>	Progress Check 1 Replay Lesson 1-3: Numbers 0 to 100					
Whole	2.OA.2	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.	<ul> <li>Using decomposition to add and subtract whole numbers</li> <li>Using open number</li> </ul>	Progress Check 2 Replay Lesson 1-5: Number 0 to 500					
Numbers & Place Value	2.OA.3	Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of	<ul> <li>lines to represent multi- digit addition and subtraction</li> <li>Using bar models to add and subtract multi-</li> </ul>	Lesson 1-6: Kip Count by 2s Progress Check 3 Replay Lesson 1-7: Skp Count by 5s					
(Approx.	2.OA.4	two equal addends. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as	<ul> <li>digit numbers</li> <li>Inverse relationship between addition and subtraction</li> </ul>	Lesson 1-8: Skip Count by 10s Progress Check 4 Replay					
65 days)		a sum of equal addends.	Commutative and associative properties of addition	Assessment Test Practice					
				Use throughout Unit: <u>Plotting Numbers on a Number Line</u> [L] <u>Fact Families</u> [L] <u>Sums to 10, 100, and 1,000</u> [L] <u>Comparing Numbers</u> [L]					

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Grade Level/	Course Title	e: Grade 2	Trimester 1	Academic Year: 2014-2015					
Grade Level Ma In Grade 2, instr using standard u	Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.								
<ol> <li>How can stund number rela</li> <li>How can stunder rela</li> <li>How can stunder</li> </ol>	<ul> <li>Essential Questions for this Unit:</li> <li>How can students extend their understanding of the base-ten system, including ideas of counting in fives, tens, and multiples of hundreds, tens, and ones, as well as number relationships involving these units, including comparing?</li> <li>How can students understand multi-digit numbers (up to 1000) written in base-ten notation, recognizing that the digits in each place represent amounts of thousands, hundreds, tens, or ones (e.g., 853 is 8 hundreds + 5 tens + 3 ones)?</li> </ul>								
Unit (Time)	Standard	Standard Description	Content	Triumphs/Resources					
(Aug Nov.) Unit 1:	2.OA.1	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the	<ul> <li>Using open number lines and bar models with single digit numbers</li> <li>Decomposition by place value</li> </ul>	Chapter 2 (25 days) Lesson 2-1: Model Numbers 1 to 20 by Ones and Tens Lesson 2-2: Model Numbers 1 to 50 by Ones and Tens Progress Check 1					
(Continued)	2.OA.2	In a cquations with a symbol of the unknown number to represent the problem. Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.	<ul> <li>Decomposition of whole numbers by addition</li> <li>Using decomposition to add and subtract whole numbers</li> <li>Using open number</li> </ul>	Lesson 2-3: Numbers 1 to 100 Lesson 2-4: Numbers 1 to 500 Progress Check 2 Replay					
Whole	2.OA.3	Determine whether a group of objects (up to 20) has an odd or even number	lines to represent multi-	Lesson 2-5: Numbers 1 to 1,000 Lesson 2-6: Short Word Form					
Numbers & Place Value		of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.	<ul> <li>subtraction</li> <li>Using bar models to add and subtract multi- digit numbers</li> </ul>	Progress Check 3 Replay Lesson 2-7: Writing Numbers					
	2.OA.4	Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns:	<ul> <li>Inverse relationship between addition and</li> </ul>	Progress Check 4 Replay					
(Approx.		write an equation to express the total as a sum of equal addends.	<ul><li>subtraction</li><li>Commutative and</li></ul>	Review					
65 days)			associative properties of addition	Test Practice					
				Use throughout Unit: <u>Plotting Numbers on a Number Line</u> [L] <u>Fact Families</u> [L] <u>Sums to 10, 100, and 1,000</u> [L] <u>Comparing Numbers</u> [L]					

Grade Level	Course Title	e: Grade 2	Trimester 1	Academic Year: 2014-2015				
<ul> <li>Grade Level Mathematics Focus:</li> <li>In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.</li> <li>Essential Questions for this Unit:</li> <li>1. How can students extend their understanding of the base-ten system, including ideas of counting in fives, tens, and multiples of hundreds, tens, and ones, as well as number relationships involving these units, including comparing?</li> <li>2. How can students understand multi-digit numbers (up to 1000) written in base-ten notation, recognizing that the digits in each place represent amounts of thousands, bundreds, tens, or ones (e.g., 853 is 8 bundreds + 5 tens + 3 ones)?</li> </ul>								
Unit (Time)	Standard	Standard Description	Content	Triumphs/Resources				
(Aug Nov.) Unit 1: (Continued)	2.OA.1 2.OA.2	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. Fluently add and subtract within 20	<ul> <li>Using open number lines and bar models with single digit numbers</li> <li>Decomposition by place value</li> <li>Decomposition of whole numbers by addition</li> <li>Using decomposition to</li> </ul>	Chapter 3 (15 days) Lesson 3-1: Compare Numbers 0 to 50 Lesson 3-2: Compare Numbers 0 to 100 Progress Check 1 Replay Lesson 3-3: Compare Numbers 100 to 500 by Tens and Hundreds Lesson 3-4: Compare Numbers 500 to 1,000 by Tens and Hundreds				
Whole Numbers & Place Value	2.OA.3 2.OA.4	using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends. Use addition to find the total number of	<ul> <li>Using decomposition to Le add and subtract whole numbers</li> <li>Using open number lines to represent multidigit addition and subtraction</li> <li>Using bar models to add and subtract multidigit numbers</li> <li>Inverse relationship</li> </ul>	Progress Check 2 Replay Lesson 3-5: Compare and Order Numbers 1 to 100 Lesson 3-6: Compare and Order Numbers to 500 Progress Check 3 Replay Review Assessment				
(Approx. 65 days)		objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.	<ul> <li>Inverse relationship between addition and subtraction</li> <li>Commutative and associative properties of addition</li> </ul>	Use throughout Unit: <u>Plotting Numbers on a Number Line</u> [L] <u>Fact Families</u> [L] <u>Sums to 10, 100, and 1,000</u> [L] <u>Comparing Numbers</u> [L]				

Grade Level/	Course Ti	tle: Grade 2		Trimester 1	Academic Year: 2014-2015		
<ul> <li>Grade Level Mathematics Focus:</li> <li>In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.</li> <li>Essential Questions for this Unit:</li> <li>1. How can students use their understanding of addition to develop fluency with addition and subtraction within 100?</li> <li>2. How can students learn to solve problems within 1000 by applying their understanding of models for addition and subtraction, and develop, discuss, and use efficient, accurate, and generalizable methods to compute sums and differences of whole numbers in base-ten notation, using their understanding of place value and the properties of operations?</li> <li>3. How can students select and accurately apply methods that are appropriate for the context and the numbers involved to mentally calculate sums and differences for the context and the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to mentally calculate sums and differences of the numbers involved to</li></ul>							
Unit (Time)	Standard	Standard Description		Content	Triumphs/Resources		
(Dec March) Unit 2: Addition and Subtraction (Approx. 75 days)	2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.4	<ul> <li>Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases: <ul> <li>a. 100 can be thought of as a bundle of ten tens — called a "hundred."</li> <li>b. The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).</li> </ul> </li> <li>Count within 1000; skip-count by 2s, 5s, 10s, and 100s. CA</li> <li>Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.</li> <li>Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using &gt;, =, and &lt; symbols to record the results of comparisons.</li> </ul>	•	Decomposition by place value and within place values Open number lines Bar models Inverse relationship between addition and subtraction with multi- digit numbers Commutative and associative properties of addition	Chapter 4 (25 days)         Lesson 4-1: Sums of 0 to 5         Lesson 4-2: Sums of 6 and 7         Progress Check 1         Replay         Lesson 4-3: Sums of 8, 9, and 10         Lesson 4-4: Subtract from 0 to 5         Progress Check 2         Replay         Lesson 4-5: Subtract from 6 and 7         Lesson 4-6: Subtract from 8, 9, and 10         Progress Check 3         Replay         Lesson 4-7: Fact Families         Review         Assessment         Test Practice         Use throughout Unit:         Adding Whole Numbers — Multiple Algorithms [L]         Adding and Subtracting Whole Numbers — Multiple         Representations [CP]         Adding and Subtracting Within 100 [L]         Adding By Finding Tens [L]         Represent Unknowns Using Multiple Methods [L]         Multi-Step Word Problems [L]         Subtracting Whole Numbers — Multiple Methods [L]		

Grade Level/	Course Ti	tle: Grade 2		Trimester 1	Academic Year: 2014-2015				
<b>Grade Level Ma</b> In Grade 2, instr subtraction; (3) u	Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.								
<ol> <li>Essential Ques</li> <li>How can sture</li> <li>How can sture</li> <li>efficient, according</li> <li>value and th</li> <li>How can sture</li> <li>differences f</li> </ol>	<ol> <li>Essential Questions for this Unit:         <ol> <li>How can students use their understanding of addition to develop fluency with addition and subtraction within 100?</li> <li>How can students learn to solve problems within 1000 by applying their understanding of models for addition and subtraction, and develop, discuss, and use efficient, accurate, and generalizable methods to compute sums and differences of whole numbers in base-ten notation, using their understanding of place value and the properties of operations?</li> </ol> </li> <li>How can students select and accurately apply methods that are appropriate for the context and the numbers involved to mentally calculate sums and differences for numbers with only tens or only hundreds?</li> </ol>								
Unit (Time)	Standard	Standard Description		Content	Triumphs/Resources				
(Dec March)	2.NBT.5	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Add up to four two-digit numbers using strategies based	•	Decomposition by place value and within	Chapter 5 (25 lessons) Lesson 5-1: Add by 10s Lesson 5-2: Add by 100s				
Unit 2:	2.NBT.7	on place value and properties of operations. Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties	•	Open number lines Bar models	Progress Check 1 Replay Lesson 5-3: Use Place Value to Add				
(Continued)		or operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is	•	Inverse relationship between addition and	Lesson 5-4: Repeated Addition Progress Check 2 Replay Lesson 5-5: Estimate Sums				
Addition and Subtraction	2 NBT 8	7.1 Use estimation strategies to make reasonable estimates in problem solving. CA		with multi-digit numbers	Lesson 5-6: Add Two-Digit Numbers Progress Check 3 Replay				
(Approx.	2.1101.0	mentally subtract 10 or 100 from a given number 100– 900.	•	and associative properties of addition	Lesson 5-7: Add Three One-Digit Numbers Review Assessment				
75 days)	2.NBT.9	Explain why addition and subtraction strategies work, using place value and the properties of operations.			Test Practice Use throughout Unit:				
					Adding viriole Numbers — Multiple Algorithms [L] Adding and Subtracting Whole Numbers — Multiple Representations [CP] Adding and Subtracting Within 100 [L] Adding By Finding Tens [L] Represent Unknowns Using Multiple Methods [L] Multi-Step Word Problems [L] Subtracting Whole Numbers — Multiple Methods [L] Subtraction — Comparison Model [L] Sums to 10, 100, and 1,000 [L]				

Grade Level/	Course Tit	tle: Grade 2		Trimester 2	Academic Year: 2014-2015		
<ul> <li>Grade Level Mathematics Focus:</li> <li>n Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.</li> <li>Essential Questions for this Unit:</li> <li>1. How can students describe and analyze shapes by examining their sides and angles?</li> <li>2. How can students investigate, describe, and reason about decomposing and combining shapes to make other shapes?</li> <li>3. How can students, through building, drawing, and analyzing two- and three-dimensional shapes, develop a foundation for understanding area, volume, congruence, similarity, and symmetry in later grades?</li> </ul>							
Unit (Time)	Standard	Standard Description		Content	Triumphs/Resources		
(Dec March)	2.G.1	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, guadrilaterals, pentagons, hexagons, and	•	Attributes of geometric shapes Decomposing and re-composing shapes	Chapter 6 (25 days) Lesson 6-1: Count Back to Subtact Lesson 6-2: Subtract by 10s Progress Check 1		
Unit 2:		cubes.	•	Foundations of	Replay		
(Continued) Addition and Subtraction (Approx.	2.G.2 2.G.3	Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words <i>halves</i> , <i>thirds</i> , <i>half</i> <i>of</i> , <i>a third of</i> , etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.	•	<ul> <li>area, volume, congruence, similarity, and symmetry</li> <li>Equal share (fractional) representations of two dimensional shapes</li> <li>Understanding equal shares (equivalent</li> </ul>	Lesson 6-3: Count Back from Hundreds Lesson 6-4: Subtract by 100s Progress Check 2 Replay Lesson 6-5: Use Place Value to Subtract Lesson 6-6: Estimate Differences Progress Check 3 Replay Review Assessment Test Practice		
75 days)				fractions) need not be represented by the same shape, e.g., one-half of the same whole can be represented with different shapes	Use throughout Unit: <u>Adding Whole Numbers — Multiple Algorithms</u> [L] <u>Adding and Subtracting Whole Numbers — Multiple</u> <u>Representations</u> [CP] <u>Adding and Subtracting Within 100</u> [L] <u>Adding By Finding Tens</u> [L] <u>Represent Unknowns Using Multiple Methods</u> [L] <u>Multi-Step Word Problems</u> [L] <u>Subtracting Whole Numbers — Multiple Methods</u> [L] <u>Subtraction — Comparison Model</u> [L] <u>Sums to 10, 100, and 1,000</u> [L]		

Grade Level/	Grade Level/Course Title: Grade 2       Trimester 2       Academic Year: 2014-2015								
Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.									
<ul> <li>Essential Questions for this Unit:</li> <li>1. How can students recognize the need for standard units of measure (centimeter and inch) and use rulers and other measurement tools with the understanding that linear measure involves an iteration of units?</li> <li>2. How can students recognize that the smaller the unit, the more iterations they need to cover a given length?</li> </ul>									
Unit (Time)	Standard	Standard Description		Content	Triumphs/Resources				
(April - June.)	2.MD.1	Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.	•	Concept of iteration for measurement	<u>Chapter 7 (15 days)</u> Lesson 7-1: Same or Different				
Unit 3:	2.MD.2	Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.	•	Understanding the need for standard units Length	Lesson 7-2: Compare Two Objects Progress Check 1 Replay				
	2.MD.3	centimeters, and meters.	•	Relate addition and subtraction	Lesson 7-3: Long, Longer, Longest Lesson 7-4: Short, Shorter, Shortest Progress Check 2				
Measurement	2.MD.4	than another, expressing the length difference in terms of a standard length unit.		to length	Replay Lesson 7-5: Tall Taller Tallest				
(Approx.	2.MD.5	Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown			Lesson 7-6: Distance Lesson 7-7: Nonstandard Measurement Progress Check 3				
45 days)	2.MD.6	Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2,, and represent whole-number sums and differences within 100 on a number line diagram.			Replay Review Assessment Test Practice Use throughout Unit: <u>Appropriate and Correct Measurement</u> [L] <u>Measurement in the Primary Grades</u> [L]				
					Decomposing/Recomposing Geometric Shapes [L]				

Grade Level/	Grade Level/Course Title: Grade 2Trimester 2Academic Year: 2014-2015								
Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.									
<ul> <li>Essential Questions for this Unit:</li> <li>1. How can students learn to solve problems within 1000 by applying their understanding of models for addition and subtraction, and develop, discuss, and use efficient, accurate, and generalizable methods to compute sums and differences of whole numbers in base-ten notation, using their understanding of place value and the properties of operations?</li> <li>2. How can students recognize the need for standard units of measure (centimeter and inch) and use rulers and other measurement tools with the understanding that linear measure involves an iteration of units?</li> <li>3. How can students recognize that the smaller the unit, the more iterations they need to cover a given length?</li> </ul>									
Unit (Time)	Standard	Standard Description	Content	Triumphs/Resources					
(April - June.) Unit 3: (Continued) Measurement	2.NBT.7 2.MD.3	Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds. 7.1 Use estimation strategies to make reasonable estimates in problem solving. CA Estimate lengths using units of inches, feet, centimeters, and meters.	<ul> <li>Decomposition by place value and within place value as a strategy to add or subtract</li> <li>Representing addition and subtraction in multiple ways, e.g., bar models and open number lines</li> </ul>	Chapter 8 (15 days) Lesson 8-1: Introduction to Inches Lesson 8-2: Measure Inches Progress Check 1 Replay Lesson 8-3: Estimate Inches Lesson 8-4: Introduction to Centimeters Progress Check 2 Replay Lesson 8-5: Measure Centimeters Lesson 8-6: Estimate Centimeters					
(Approx. 45 days)	2.MD.9 2.MD.10	Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units. Draw a picture graph and a bar graph (with single- unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.	<ul> <li>Concept of iterating a unit for measurement</li> <li>Solving word problems based on data in a graph</li> </ul>	Lesson 8-7: Compare Inches and Centimeters Progress Check 3 Replay Review Assessment Test Practice Use throughout Unit: <u>Appropriate and Correct Measurement [L]</u> <u>Measurement in the Primary Grades [L]</u> <u>Decomposing/Recomposing Geometric Shapes [L]</u>					

### Grade 2 SPED Mathematics Curriculum Guide

Grade Level/Course Title: Grade 2 **Trimester 3** Academic Year: 2014-2015 Grade Level Mathematics Focus: In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes. **Essential Questions for this Unit:** 1. How can students learn to solve problems within 1000 by applying their understanding of models for addition and subtraction, and develop, discuss, and use efficient, accurate, and generalizable methods to compute sums and differences of whole numbers in base-ten notation, using their understanding of place value and the properties of operations? 2. How can students recognize the need for standard units of measure (centimeter and inch) and use rulers and other measurement tools with the understanding that linear measure involves an iteration of units? 3. How can students recognize that the smaller the unit, the more iterations they need to cover a given length? Unit (Time) Standard **Standard Description** Content **Triumphs/Resources** 2.NBT.5 Fluently add and subtract within 100 using strategies Chapter 9 (15 days) Decomposition based on place value, properties of operations, and/or by place value (April - June.) the relationship between addition and subtraction. and within Lesson 9-1: Use Patter Blocks Add and subtract within 1000, using concrete models 2.NBT.7 place value as Lesson 9-2: Build Figures or drawings and strategies based on place value, a strategy to **Progress Check 1** properties of operations, and/or the relationship add or subtract Unit 3: between addition and subtraction; relate the strategy Replay Representing to a written method. Understand that in adding or Lesson 9-3: Take Figures Apart addition and (Continued) subtracting three-digit numbers, one adds or subtracts Lesson 9-4: Compare Figures subtraction in hundreds and hundreds, tens and tens, ones and Progress Check 2 multiple ways. ones; and sometimes it is necessary to compose or decompose tens or hundreds. e.q., bar Replay 7.1 Use estimation strategies to make reasonable models and Lesson 9-5: Fit Figures to Shapes Measurement estimates in problem solving. CA open number Lesson 9-6: Compare Sizes Tell and write time from analog and digital clocks to the 2.MD.7 lines Lesson9-7: Solve Tangrams nearest five minutes, using a.m. and p.m. Know Concepts of relationships of time (e.g., minutes in an hour, days in Progress Check 3 time, money. a month, weeks in a year). CA (Approx. Replay and solving 2.MD.8 Solve word problems involving dollar bills, quarters, problems in Review dimes, nickels, and pennies, using \$ and ¢ symbols 45 days) these contexts Assessment appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do vou have? Test Practice Use throughout Unit: Appropriate and Correct Measurement [L] Measurement in the Primary Grades [L] Decomposing/Recomposing Geometric Shapes [L]