Operations and Algebraic Thinking A. Represent and solve problems involving addition and subtraction within 20. Use objects, drawing, and equations with a symbol for the unknown to represent the problem						
	1.OA.1 Use addition and subtraction with 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.					
	<u>Unit 1</u> Sessions 2.3, 2.4, 2.6, 2.7, 2.8 3.1, 3.2, 3.4, 3.5, 3.6, & 3.7	<u>Unit 3</u> Sessions 2.1, 2.4, 2.6, 2.7, 2.8, 3.1, 3.2, & 3.6 <u>Unit 4</u> Sessions 1.5-1.8, & 2.6	<u>Unit 5</u> Sessions 1.1, 1.5, 1.6, 1.7, 1.8, 2.3, 2.4, 2.6, 3.2, 3.3, 3.4, 3.5, 3.6, & 3.7	<u>Unit 6</u> Sessions 1.1-1.9 Routines 1.3, 1.5, 2.2, & 2.3	<u>Unit 7</u> Routine 1.1, 1.2, & 1.3	
oraic Thinking	Solve word proble <u>Unit 2</u> Session 1.3	ms that call for additio <u>Unit 3</u> Sessions 3.1, 3.6 Routine 2.3, 2.5, 3.1, 3.2, 3.4, & 3.6	1.OA.2 n of three whole numl <u>Unit 6</u> Sessions 2.1, 2.2, & 2.3	bers whose sum is less <u>Unit 7</u> Sessions 1.1 & 1.2	than or equal to 20.	
Operations and Algebraic Thinking	<u>Unit 1</u> Sessions 2.1-2.5, 2.7, 2.8, 3.1-3.7 Routines 2.1, 2.2, 2.6, 3.2-3.6	Relate counting to ad Unit 3 Sessions 1.1, 1.3, 1.4, 3.1, & 3.2 Routine 1.1	1.OA.5 Idition and subtraction <u>Unit 7</u> Sessions 1.1, 1.2, & 1.3,	n. (counting on or back)	
	1.OA.6 Add and subtract within 20 using counting on and making 10. *By end of first grade addition and subtraction facts within 10.					
	<u>Unit 1</u> Sessions 2.1-2.8, 3.1-3.7 Routine 3.1 <u>Unit 2</u> Sessions 1.1-1.4 Routines 1.3 & 1.6	<u>Unit 3</u> Sessions 1.1 – 1.4, 2.1, - 2.8, 3.1 – 3.6, & 4.8 Routines 1.1, 2.3, 2.5, 3.1, 3.2, 3.4, & 3.6	<u>Unit 5</u> Sessions 1.1 - 1.8, 2.1 – 2.8, 3.1 – 3.7 Routines 1.2, 1.3, 1.5, 1.8, 2.1, 2.3, 2.5, 2.7, 3.1, 3.6, & 3.7	<u>Unit 6</u> Sessions 1.1-1.9	<u>Unit 7</u> Session 1.1, 1.2, 1.3, 2.1, 2.2, 2.4, & 2.5, Routines 1.1, 1.2, & 1.3	
Operations and Algebraic Thinking B. Understand, use, and apply place value understanding and properties of operations and the relationship between addition and subtraction to add and subtract.						
Prop ertie	1.OA.3 Apply properties of operations as strategies to add and subtract. (Commutative and associative)					

	11		11	11				
	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>	<u>Unit 4</u>	<u>Unit 5</u>			
	Sessions 2.2-2.8,	Session 1.3	Sessions 1.1, 2.1,	Sessions 1.5-1.8	Sessions 1.1 – 1.8,			
	3.1-3.7	Routine 2.5	2.4,	Routine 2.6	2.1 – 2.8, 3.1 – 3.7			
	Routines 2.5, 2.7, &		2.5, 2.6, 2.7, 3.1,					
	3.1		3.2 3.3, 3.4, 3.6, &		Routines 1.2, 1.3,			
			4.8		1.5, 1.8, 2.1, 2.3, 2.5			
			Routines 2.3, 2.5,		2.7, & 3.1,			
			3.1, 3.2, 3.4, & 3.6					
			1.0A.4					
	Understand subtraction as an unknown-addend problem.							
	Unit 1	Unit 3	Unit 4	Unit 5	Unit 6			
	Sessions 3.2-3.5	Sessions 2.2, 2.3, &	Sessions 1.5-1.8	Sessions 1.1, 1.5,	Routine 1.3, 1.5, 2.2			
		2.7	Routine 2.6	1.6, 1.7, 1.8, 3.2,	& 2.3			
				3.3, 3.4, 3.5, 3.6, &				
		Onenetien		3.7				
		=	is and Algebraic Thinki and subtraction equat					
			1.0A.7					
	Understand the meaning		rmine whether equations in		ction are true or false. (6 =			
	6, 7=8-1, 5+2=2+5, 4+2= 5+2)							
	<u>Unit 1</u>	<u>Unit 3</u>	<u>Unit 4</u>	<u>Unit 5</u>	Unit 6			
	Sessions 2.2, 2.4,	Sessions 3.1 – 3.6,	Sessions 1.5-1.8	Sessions 2.1, 2.3,	Sessions 2.3			
	2.5, 2.6, 3.2, & 3.4	& 4.8	Routine 2.6	2.5, 2.7, 2.8, 3.1, &	Routines 1.3, 1.5,			
pu				3.6	2.2, & 2.3			
Relationship of + and -	1.OA.8 Determine the unknown whole number in an addition or subtraction equation relating three whole numbers. (What is the unknown that makes the equation true?)							
ship	Unit 1	Unit 3	Unit 5	Unit 6	Unit 7			
suo	Sessions 2.2, 2.5-	Sessions 1.1, 1.3, &	Sessions 1.2, 1.4,	Routine 1.3, 1.5,	Sessions 1.6, 1.7, &			
lati	2.8, 3.2-3.4, 3.6, &	1.4	1.5, 1.6, 1.7, 1.8,	2.2, & 2.3	1.8			
Re	2.8, 5.2-5.4, 5.0, & 3.7		2.1, 2.2, 2.3, 2.4,	2.2, & 2.3	1.0			
	5.7	Unit 4	2.6, 3.1, 3.2, 3.3,					
		Session 1.6						
		Routine 1.2, 1.4, &	3.4, 3.5, & 3.6,					
		1.6	Routines 1.2, 1.3,					
			1.5, 1.8, 2.1, 2.3,					
			2.5, 2.7, 3.1, & 3.7	<u> </u>	<u> </u>			
			l operations in Bas					
		A. Extend the	counting sequence	to 120				
			1.NBT.1					
	Count to 120 starting at any number less than 120. In this range, read and write numerals and represent a							
0	number of objects with a written numeral.							
0 12	Unit 1	Unit 2	Unit 3	Unit 7				
Counting to 120	Sessions 1.1 – 1.5,	Session 2.3	Session 4.1, 4.2,	Sessions 1.3 - 1.8,				
tin	& 3.6		4.3, 4.4, 4.5, 4.6,	2.1 - 2.8, 3.1 - 3.8				
our		Routine 1.1, 1,2,	4.7, & 4.8	·				
Ū	Routines 1.2 – 1.5	1.5, 1.7, & 2.2	Routine 1.2, 2.2,	Routines 3.1, 3.2,				
		,	2.6, 3.3, 4.1, 4.5,	3.4, 3.5, 3.6, 3.7, &				
			4.7, & 4.8	3.8				
		Numbers an	Operations in Bas		I			
			nd two-digit place v					
11-	dorstand that the		• ·		one and once			
Ur	nderstand that the				ens and ones.			
		Understand th	e following specia	l cases.				

<u>Unit 7</u>										
Sessions 1.3, 1.4,										
1.4, 1.6, 1.7, 1.8,										
2.2 - 2.8, 3.1 - 3.8										
Routines 1.4, 1.7,										
1.8, 2.2, 2.3, 2.4,										
2.5, 2.6, 3.1, 3.2,										
3.4, 3.5, 3.6, 3.7, &										
3.8										
5.0		1 NDT 2-								
	10 can be they	1.NBT.2a	a colled a "top "							
		ht of as a bundle of ten one								
Unit 1	Unit 4	Unit 5	Unit 6	<u>Unit 7</u>						
Routine 2.4 & 2.8	Routine 1.2, 1.4,	Sessions 2.3,	Routine 1.1, 1.2,	Sessions 1.3 - 1.8,						
Unit 3	1.6, 2.3	Routines 1.4, 1.6,	1.4, 1.6, 1.7, 1.9	2.1 - 2.8, 3.1 – 3.8						
Session 1.2, 1.4,		2.2, 2.6, 3.3, 3.4, &								
2.4, & 4.1		3.5		Routines 1.4, 2.2,						
Routines 1.1 & 1.3		0.0		2.3, 2.4, 2.5, 2.6,						
2.1, 2.4, 2.8, & 3.5,				2.7, 2.8						
		1.NBT.2b								
		nd one, two, three, four, five								
<u>Unit 1</u>	Unit 2	Unit 3	<u>Unit 4</u>	Unit 5						
Session 1.3, 1.4, &	Routine 1.3, 1.6, &	Session 1.2 & 2.4	Routine 1.2, 1.4, &	Session 2.1, 2.3,						
1.5	2.5	Routines 1.3 & 2.1	2.3	3.3, 3.4, & 3.5						
Routine 2.1, 2.6, &				,,						
3.6										
5.0										
T I I 40.00		1.NBT.2c	c							
	30, 40, 50, 60, 70, 80, & 90	refer to one, two, three, for	The numbers 10, 20, 30, 40, 50, 60, 70, 80, & 90 refer to one, two, three, four, five, six, seven, eight, or nine tens and 0 ones.							
		·· · -		·· · -						
<u>Unit 3</u>	<u>Unit 4</u>	<u>Unit 5</u>	<u>Unit 6</u>	<u>Unit 7</u>						
<u>Unit 3</u> Routine 2.4 & 2.8,	<u>Unit 4</u> Routine 1.6	<u>Unit 5</u> Routines 1.4, 1.6,	Unit 6 Sessions 1.1	<u>Unit 7</u> Sessions 1.3, 1.4,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1	Sessions 1.3, 1.4,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2,						
Routine 2.4 & 2.8,		Routines 1.4, 1.6,	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, &						
Routine 2.4 & 2.8,		Routines 1.4, 1.6, 2.2, & 2.6	Sessions 1.1 Routines 1.1, 1.2,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2,						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6,	Routine 1.6	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n	Routine 1.6	Routines 1.4, 1.6, 2.2, & 2.6	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =.	Routine 1.6	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits,	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u>	Routine 1.6 umbers based on meanings	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits, <u>Unit 3</u>	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings <u>Unit 2</u> Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits,	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u>	Routine 1.6 umbers based on meanings	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits, <u>Unit 3</u>	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings Unit 2 Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3,	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings Unit 2 Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 1.NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8,	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings Unit 2 Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings Unit 2 Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 .NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8, 3.3, 3.5, 4.1, 4.2, 4.4, 4.5, 4.6, 4.7, &	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings Unit 2 Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings <u>Unit 2</u> Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 .NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8, 3.3, 3.5, 4.1, 4.2, 4.4, 4.5, 4.6, 4.7, &	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6	Routine 1.6 umbers based on meanings <u>Unit 2</u> Routine 1.1, 1.2,	Routines 1.4, 1.6, 2.2, & 2.6 .NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8, 3.3, 3.5, 4.1, 4.2, 4.4, 4.5, 4.6, 4.7, &	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4,	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8						
Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6 Routine 3.7 Add within 100, includin	Routine 1.6 umbers based on meanings <u>Unit 2</u> Routine 1.1, 1.2, 1.5, 1.7, & 2.2 g adding a two-digit number	1.NBT.3 of the tens and ones digits, <u>Unit 3</u> Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8, 3.3, 3.5, 4.1, 4.2, 4.4, 4.5, 4.6, 4.7, & 4.8 1.NBT.4 r and a one digit number, a	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4, 2.5, 2.6, 2.7, & 2.8	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8 mparisons with the						
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Routine 2.4 & 2.8, 3.5, 4.2, 4.4, & 4.6, Compare two two-digit n symbols >, <, and =. <u>Unit 1</u> Session 2.5 & 3.6 Routine 3.7 Add within 100, includin concrete models or draw and subtraction: rela	Routine 1.6 umbers based on meanings <u>Unit 2</u> Routine 1.1, 1.2, 1.5, 1.7, & 2.2 g adding a two-digit numberings and strategies based of te the strategy to a written	1.NBT.3 of the tens and ones digits, Unit 3 Sessions 3.2, 3.4 Routines 1.2, 1.3, 2,2, 2.4, 2.6, 2.8, 3.3, 3.5, 4.1, 4.2, 4.4, 4.5, 4.6, 4.7, & 4.8 1.NBT.4 r and a one digit number, and place value, properties of	Sessions 1.1 Routines 1.1, 1.2, 1.4, 1.6, 1.7, & 1.9 recording the results of con <u>Unit 7</u> Session 2.2, 2.4, 2.5, 2.6, 2.7, & 2.8 dding a two-digit number an operations, and/or the relar soning used. Understand th	Sessions 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1 – 2.8, 3.1 – 3.8 Routines 1.4, 1.7, 1.8, 2.2, 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8 mparisons with the						
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Numbers and Operations in Base ten

	1							
	Session 1.2, 1.3, 1.4, 1.5, 1.7, 1.8, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1 – 3.8							
	Routines 1.5, 1.6, 1.7, 1.8, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7, & 3.8							
			1.NBT.5					
	Given a two-digit	number mentally find		an the number, withou	it having to count.			
			plain the reasoning us					
		C/	Unit 7					
	<u>Unit 7</u> Session 1.3, 1.4, 1.5, 1.6, 1.8, 2.5, 2.6, 2.7, 2.8, 3.1 – 3.8							
	Routines 1.5, 1.6, 1.7, 1.8, 2.5, 2.6, 2.7, 2.8, 3.1 – 3.8							
	1.NBT.6 Subtract multiples of 10 in the range 10 – 90 from multiplies 10 – 90 (positive or 0 differences, using concrete models and strategies based on place value, operation, and relationships; relate the strategy to a written method and explain used.							
			Unit 7					
	Session 1.6, 1.7, 1.8							
	Routines 1.5, 1.6, 1.7	, 1.8						
		Measu	rement and Data					
	ΔΜ	easure lengths indi		ting length units				
			1.MD.1					
	Order three obje	ects by length; compar		bjects indirectly by usin	ng a third object.			
nt	Section 1 1 1 2 1 2		<u>Unit 4</u>					
ne	Session 1.1, 1.2, 1.3		1.MD.2					
Measurement	Express the length o	f an object as a whole nu		laying multiple copies of	a shorter object (the			
ns				n object is the number of				
lea	that span it with no gaps or overlaps. Limit to context where the object being measured is spanned by a whole number							
2	of length units with no gaps or overlaps.							
	Section 1.2.1.4.1.E	1 C 1 7	Unit 4					
	Session 1.3, 1.4, 1.5,		rement and Data:					
			ite time to the hal	fhour				
		D. TEll allu Wi	1.MD.3					
	Tell and write time in	hours and half hours		al clocks				
	Unit 1	Unit 3	Unit 5	Unit 7	Unit 8			
	Routine 2.3	Routine 1.4, 2.7, &	Routines 1.1, 1.7,	Routines 2.1 & 3.3	Routines			
ne		4.3	2.4, 2.8, & 3.2		1.1, 1.3, 1.5, & 1.6			
Time	Unit 2	Unit 4	Unit 6					
-	Routine 1.4	Session 1.2, 2.1, &	Routines 1.8 & 2.1					
		2.4						
		Routines 1.1, 1.3,						
		1.5, & 1.7						
			rement and Data:					
		C. Represe	nt and interpret da	ata.				
Ē			1.MD.4					
Graphi ng	Organize, represent, and interpret data with up to three categories; ask and answer questions about the							
שבי	total number of data points, now many in each category, and now many more of less are in one category							
	11:4-2	11,54 2	than in another.					
	<u>Unit 2</u> Session 2.1, 2.2,	<u>Unit 3</u> Session 4.1	Unit 4 Session 1.1-1.9	<u>Unit 6</u> Session 2.1, 2.2, &				
	2.3, & 2.4	JESSIUII 4.1	36331011 1.1-1.3	2.3				
	1 L.J. U.L.T	1		2.5				

Measurement and Data: D. Identify the Value of Coins								
Money	1.MD.5 Identify the values of pennies, nickels, dimes, and quarters and know the comparative values. (For example, a dime is of greater value that a nickel.) Use appropriate notation to designate a coin's value. (For example 5¢) No material in Investigations 3							
Geometry A. Reason with shapes and their attributes.								
	-	-		1.G.1 s (for example, triangles erall size); build and dr. <u>Unit 8</u> Session 1.1-1.9 Routine 1.2, 1.4, 1.7, 1.8, & 1.9				
	Compose two-dimension a composite shape, and <u>Unit 1</u> Sessions 1.1 – 1.5			om the composite sh <u>Unit 4</u> Session 2.2-2.5,	nape	<u>Unit 8</u> Session 1.3, 1.5, 1.6,	arter-circles) to create	
Geometry	1.G.2b Compose three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape. First grade students do not need to learn formal names such as right rectangular prism. 1.G.3 Partition circles and rectangles into two and four equal shares; describe the shares using the words halves, fourths, and quarters; half of, fourth of, and quarter of. Describe the whole as two or four on the shares. Understand that, for these examples , decomposing into more equal shares creates smaller shares.			<u>Unit 8</u> ions 1.1 - 1.9 <u>Unit 4</u> Session 2.1-2.6 utine 1.8, 2.1-2.6	.6	1.7, 1.8, 1.9		