M	REDBIRD			G	rade	K C	omm	on Co	ore St	ate S	tandaı	rds for	Algeb	ra Rea	diness	
H	MATHEMATICS	Know num	ber names ar sequence.	nd the count	Cou	nt to tell the i	number of obj	ects.	Compare	numbers.	Understand	l addition as put subtraction a	ting together an s taking apart ar		understand	Work with numbers 11-19 to gain foundations for place value.
No.	Unit/Lesson	K.CC.A.1	K.CC.A.2	K.CC.A.3	K.CC.B.4a	K.CC.B.4b	K.CC.B.4c	K.CC.B.5	K.CC.C.6	K.CC.C.7	K.OA.A.1	K.OA.A.2	K.OA.A.3	K.OA.A.4	K.OA.A.5	K.NBT.A.1
0.1.0	Numbers to 10															
	Count 1-4				√	√	√	√								
0.1.2	Count 1-5				√	✓	√	√								
0.1.3	Count 1-7				√	√	✓	√								
0.1.4	Count 1-9				√	√	✓	√								
0.1.5	Count 1-10				√	√	√	√								
0.1.6	Count 0-10				√	√	✓	√								
0.1.7	Represent 0-2			✓	√		√	√								
0.1.8				1	1		1	√								
0.1.9				1	-		1	1								
0.1.10	Represent 0-10			/			/	√								
	Numbers to 20															
	Count and Represent 0-13			√				√								
0.2.2	Count and Represent 0-16			1				· ✓								
0.2.3				<i>\</i>				<i>\</i>								
	Count and Represent 0-20			<i>\</i>				1								
	Compare Numbers to 10															
0.3.1	Match to Find More								√							
0.3.2									1							
0.3.3									1	1						
0.3.4	Compare Two Numbers								1	1						
0.3.5										1						
0.3.6										1						
	Understand Addition within 10															
	Represent Addition within 5										√	√				
	Put Together Groups within 5										√	<i>\</i>			_	
0.4.3	Explore Number Pairs for 0–5										•	, ·			<u> </u>	
0.4.4													<i>'</i>			
	Explore Number Pairs for 10												<i></i>	√		
0.4.6													-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
0.4.7	Represent Addition within 10										√	√		- •		
0.4.7											√	√				
	Understand Subtraction within 10															
0.5.1											√		√			
	Represent Subtraction within 5										√	✓	•			
0.5.2											√	√				
0.5.4	Decompose Numbers 6–9											_ v	√		_ v	
0.5.4											√	✓	_ v			
0.5.6						<u> </u>					√	√				
0.5.6	Decompose 10										√	_ '	1	1		
0.5.8	·										√	✓	_ v	_ v		
	Place Value with Teen Numbers											v				
0.6.0																√
0.6.1	Show 15–14 as 10 Ones and Some More Show 15–19 as 10 Ones and Some More					 										√
0.6.2						-	-									√
0.6.3					-	-	-									√
																V
	Number Patterns						1									
	One Less/One More	/					'									
0.7.2		√														
0.7.3	Count to 100 by Tens	V	/			-	-									
U./.4	Count Forward		V			L		l					l		l	

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THE STATE OF THE S	MATHEMATICS	

Grade 1 -- Common Core State Standards for Algebra Readiness

	ucation MATHEMATICS	problems inve	t and solve olving addition traction.	operations and	apply properties of the relationship and subtraction.	Add and	l subtract in 20.	Work with a subtraction		Extend the counting sequence.		Understand	place value.			value underst of operations subtract.		Measure indirectly iterating ler	and by
No.	Unit/Lesson	1.OA.A.1	1.OA.A.2	1.OA.B.3	1.OA.B.4	1.OA.C.5	1.OA.C.6	1.OA.D.7	1.OA.D.8	1.NBT.A.1	1.NBT.B.2a	1.NBT.B.2b	1.NBT.B.2c	1.NBT.B.3	1.NBT.C.4	1.NBT.C.5	1.NBT.C.6	1.MD.A.1	1.MD.A.2
1.1.0	Problem Solving: Addition																		
	Model Joining Stories (to 5)	1																-	
1.1.2	Ways to Make 6 and 7	1					1												
1.1.3		√ ·					1												
1.1.4		1	√				1												
1.1.5	Commutative Property and Add Zero Property			√			1												
1.1.6	Ways to Make 10	√					1		√										
1.1.7	Model Equations to Represent Addition Stories	1					1		1										
1.1.8	Write Equations to Represent Addition Stories	1					1		√										
	Problem Solving: Subtraction																		
1.2.1	Addition and Subtraction Fact Families	√					1		√										
1.2.2	Model Take From Stories	1			1		1		√										
1.2.3	Find Missing Parts of 7 and 8	1			· /		1		· ✓										
1.2.4	Model Equations to Represent Subtraction Stories	1			-		1		· ✓										
1.2.5		1			1		1		· ✓										
1.2.6	Model Take-Apart/Separating Stories	1			· /		1		· ✓										
1.2.7	Write Equations to Represent Subtraction Stories	1					1		√										
1.2.8	Compare Stories	1			1		1		· ✓										
1.2.9	Relate Addition and Subtraction	1			· /		1		· √										
1.3.0																			
1.3.1	Count On					1	1												
1.3.2	Use a Known Fact to Add					•	1											$\overline{}$	
1.3.3	Related Subtraction Facts through 12				/		1											$\overline{}$	
1.3.4	Use 10 to Subtract				<u> </u>		1												
1.3.5	Related Subtraction Facts through 20	1			/		1											$\overline{}$	
1.3.6	Find Unknowns on Addition Table	√			 		_ `	1	√									$\overline{}$	
1.4.0																			
1.4.1	Numbers Related to 10			/			1		√										
1.4.2	Make 10 to Add 7 and 8			·			1		•									$\overline{}$	
1.4.3	Make 10 to Add 9						1												
1.4.4						√	1												
1.4.5	Add Three Addends		√	√															
1.4.6	Addition and Subtraction Equations		•	·	/		1	1	√										
1.5.0	Understand Place Value																		
1.5.1	Count Forward to 120									√									
1.5.2	Teen Numbers									·	1	√						$\overline{}$	
1.5.3	Tens and Ones				<u> </u>						<u> </u>	1	√					+	
1.5.4	Make Numbers with Tens and Extras				<u> </u>						\ \ \		\ \ \					$\overline{}$	
1.5.5	Compare Numbers through Hundreds										<u> </u>		_	_				$\overline{}$	
1.5.6														⊢ •				$\overline{}$	
	Use Place Value and Properties of Operations to Add and	Subtract								_									
1.6.1		- Judituct													1				
1.6.2	Add a Multiple of 10 to a 2-Digit Number on a Hundred Ch	nart													1			$\overline{}$	
1.6.3	Add a Multiple of 10 to a 2-Digit Number				<u> </u>										1			+	
1.6.4															√			$\overline{}$	
1.6.5	Subtract Multiples of 10 from Multiples of 10														•		1	$\overline{}$	
	Number Strategies and Measurement																·		
	Skip-Counting					V													
1.7.1	Add or Subtract 1 and 10 on a Number Chart					\ \ \										√		$\overline{}$	
1.7.3	Compare and Order Lengths				<u> </u>									 				_	
	Measure Length with Same-Size Units																	\rightarrow	√
2.7.4	1				1							1	1	1					•

## AFFERATICS ##	Mc > F D D I D D		Gra	de 2	Con	nmor	Cor	e Sta	te Sta	andar	ds fo	r Alg	ebra	Read	dines	S		
2.1.1 Use Medicine Table to Add and Subtract 2.1.2 Use the Addition Table to Add and Subtract 2.1.2 Use the Addition Table to Add and Subtract 2.1.3 Find Managing Additional Table to Add and Subtract of Add and Subtract with the Hundred Chart 2.1.4 Add and Subtract within 12 Using the Berne Riflocks V V V V 2.1.5 Add and Subtract within 12 Using the Berne Riflocks V V V V 2.1.6 Add and Subtract within 12 Using the Number Line V V V V V 2.1.6 Add and Subtract within 12 Using the Number Line V V V V V V V 2.1.5 Add and Subtract within 12 Using the Number Line V V V V V V V V V	REDBIRD MATHEMATICS	problems involving addition	subtract within		Unders	stand place v	ralue.		Use place v				f operations					
12.11 Use the Addition Table to Add and Subtract	No. Unit/Lesson	2.OA.A.1	2.OA.B.2	2.NBT.A.1a	2.NBT.A.1b	2.NBT.A.2	2.NBT.A.3	2.NBT.A.4	2.NBT.B.5	2.NBT.B.6	2.NBT.B.7	2.NBT.B.8	2.NBT.B.9	2.MD.A.1	2.MD.A.3	2.MD.A.4	2.MD.B.5	2.MD.B.6
1.11 Use the Addition Table to Add and Subtract	2.1.0 Use Models to Add and Subtract																	
2.1.1 Just Pas Addrition Table In add and subtract			√						√		√							
1.1.1 Add and Subtract with the Hundred Chart			1						√		√							
12.14 Add and Subtract with 10 Using Sea ten Blocks V V V V V V V V V			V						√		√							
2.15 Add and Subtract within 20 Using Base Ten Ribots	9								1									
Add and subtract within 20 Using the Number Line			1						1		1							
2.1. Add and subtract within 100 Using Base Ten Blocks		1	1						1		1							
2.13 Use Tage Dilgrams to Add and Subtract Within 100 Using the Number Line V			-															$\overline{}$
2.19 Use Tape Diagrams to Add		J							1		1							\vdash
2.1.10 Use Taple Diagrams to Add and Subtract									1		1							$\overline{}$
2.2.0 Use Strategies to Add and Subtract									_									\vdash
2.2.1 Make a ren to Add	1 0										•							
2.2.2 Make a Fen to Subtract		J							_/		_/		1					
2.2.3 Nwo-step Problems																		\vdash
Alake a Simpler Problem to Add																		\vdash
2.2.5 Make a Simpler Problem to Subtract	·	V	- '															\vdash
2.2.6 Problem Solving with Sums to 100	·								-		-							\vdash
2.2.7 Problem Solving with Sums and Differences to 100	·	,																\vdash
2.3.1 Numbers to 1000 and Place Value 2.3.2 Numbers through 1000 2.3.3 Numbers through 1000 2.3.3 Numbers through 1000 2.3.4 Compare Numbers on a Number Line 2.3.4 Compare Numbers Using Place Value 2.3.4 Compare Numbers Using Place Value 2.4.5 Add Tens to 2-Digit Numbers 2.4.1 Find Sums of 2-Digit Numbers 2.4.2 Find Sums of 3-Digit Numbers 2.4.3 Use Strategies to Add 3-Digit Numbers 2.4.4 Find Sums of 3-Digit Numbers 2.4.5 Find Sums of 3-Digit Numbers 2.4.6 Find Sums of Multi-Digit Numbers 2.4.7 Find Sums of Multi-Digit Numbers 2.4.8 Problem Solving with Addition 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Subtract Tens from 3-Digit Numbers 2.5.4 Use Strategies to Add 3-Digit Numbers 3.5.5 Subtract Tens from 3-Digit Numbers 4.6 Ind Sums of Multi-Digit Numbers 5.7 Subtract Tens from 3-Digit Numbers 6. Subtract Tens from 3-Digit Numbers 7. Subtract Tens from 3-Digit Numbers 8. Subtract Tens from 3-Digit Numbers 9. Subtract Multi-Digit Numbers 9. Subt	_								_		_							\vdash
2.3.1 Numbers through 100 2.3.2 Numbers through 1000 2.3.3 Represent Numbers on a Number Line 2.3.4 Compare Numbers Using Place Value 2.4.5 Addition with Multi-Digit Numbers 2.4.1 Add frents to 2-Digit Numbers 2.4.2 Find Sums of 2-Digit Numbers 2.4.3 Use Strategies to Add 3-Digit Numbers 2.4.4 Add frent to 3-Digit Numbers 2.4.5 Isind Sums of 3-Digit Numbers 2.4.6 Find Sums of 3-Digit Numbers 2.4.7 Find Sums of Multi-Digit Numbers 2.4.8 Problem Solving with Addition 2.4.9 Find Sums of Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Subtract Toolight Numbers 2.5.3 Subtract Toolight Numbers 3.5 Subtract Toolight Numbers 4.7 V V V V V V V V V V V V V V V V V V V	3	▼							_									\vdash
2.3.2 Numbers through 1000							,											
2.3.3 Represent Numbers on a Number Line	- J			,	— ,													\longrightarrow
2.3.4 Compare Numbers Using Place Value				√	-	,	-											\longrightarrow
2.4.0 Addition with Multi-Digit Numbers						✓		,										\vdash
2.4.1 Add Tens to 2-Digit Numbers							✓	√										\vdash
2.4.2 Find Sums of 2-Digit Numbers																		
2.4.3 Use Strategies to Add 3-Digit Numbers 2.4.4 Add Tens to 3-Digit Numbers 2.4.5 Find Sums of 3-Digit Numbers 2.4.6 Find Sums of Multi-Digit Numbers 2.4.7 Find Sums of Multi-Digit Numbers 2.4.8 Problem Solving with Addition 2.5.0 Subtraction with Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers 3.5.4 Use Strategies to Subtract 3-Digit Numbers 4.5.5 Subtract 1-Digit Numbers 5.5.5 Subtract 3-Digit Numbers 7.5.6 Subtract 3-Digit Numbers 8.5.7 Subtract Multi-Digit Numbers 9.5.8 Subtract 3-Digit Numbers 9.5.9 Subtract Multi-Digit Numbers																		
2.4.4 Add Tens to 3-Digit Numbers 2.4.5 Find Sums of 3-Digit Numbers 2.4.6 Find Sums of Multi-Digit Numbers 2.4.7 Find Sums of Multi-Digit Numbers 2.4.8 Problem Solving with Addition 2.5.0 Subtraction with Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers 2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract 3-Digit Numbers 2.5.8 Subtract 3-Digit Numbers 2.5.9 Subtract 3-Digit Numbers 2.5.1 Subtract 3-Digit Numbers 3.5.2 Subtract 3-Digit Numbers 4.5.3 Subtract 3-Digit Numbers 5.5.4 Subtract 3-Digit Numbers 6.5.5 Subtract 3-Digit Numbers 7.5.5 Subtract 3-Digit Numbers 8.5.5 Subtract 3-Digit Numbers									√									\vdash
2.4.5 Find Sums of 3-Digit Numbers 2.4.6 Find Sums of Multi-Digit Numbers 2.4.7 Find Sums of More than Two Numbers 2.4.8 Problem Solving with Addition 2.5.9 Subtraction with Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers 2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract Subtract 3-Digit Numbers 2.5.8 Subtract 3-Digit Numbers 3.5.9 Subtract 3-Digit Numbers 4.5.0 Subtract 3-Digit Numbers 5.5.0 Subtract 3-Digit Numbers 6.5.1 Subtract 3-Digit Numbers 7.5.2 Subtract Multi-Digit Numbers 8.5.3 Subtract Multi-Digit Numbers 9.5.4 V ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓													✓					\longrightarrow
2.4.6 Find Sums of Multi-Digit Numbers 2.4.7 Find Sums of More than Two Numbers 2.4.8 Problem Solving with Addition 2.5.0 Subtraction with Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers 2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract 3-Digit Numbers 2.5.8 Subtract 3-Digit Numbers 3.9 Subtract 3-Digit Numbers 4.0 Subtract 3-Digit Numbers 5.0 Subtract 3-Digit Numbers 6.0 Subtract 3-Digit Numbers 7.0 Subtract 3-Digit Numbers 8.0 Subtract 3-Digit Numbers 9.0 Subtract 3-Digit Numbers 9.0 Subtract 3-Digit Numbers 9.0 Subtract 3-Digit Numbers 9.0 Subtract 4-Digit Numbers	0											√						\longrightarrow
2.4.7 Find Sums of More than Two Numbers 2.4.8 Problem Solving with Addition ✓ ✓ ✓ ✓ ✓ ✓ ✓ 2.5.0 Subtraction with Multi-Digit Numbers 2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers ✓ ✓ ✓ ✓ ✓ ✓ ✓ 2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract 3-Digit Numbers 2.5.8 Subtract 3-Digit Numbers 2.5.9 Subtract 3-Digit Numbers 2.5.0 Subtract 3-Digit Numbers 2.5.1 Subtract 3-Digit Numbers	9																	\longrightarrow
2.4.8 Problem Solving with Addition																		\longrightarrow
2.5.0 Subtraction with Multi-Digit Numbers	2.4.7 Find Sums of More than Two Numbers												✓					\longrightarrow
2.5.1 Decompose to Subtract 2-Digit Numbers 2.5.2 Find Differences of 2-Digit Numbers 2.5.3 Problem Solving with 2-Digit Numbers 2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract 3-Digit Numbers 2.5.8 Subtract 3-Digit Numbers 3.5.9 Subtract 3-Digit Numbers 4.7 ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	Š	√							√	✓	✓							$\overline{}$
2.5.2 Find Differences of 2-Digit Numbers	2.5.0 Subtraction with Multi-Digit Numbers																	
2.5.3 Problem Solving with 2-Digit Numbers	2.5.1 Decompose to Subtract 2-Digit Numbers																	
2.5.4 Use Strategies to Subtract 3-Digit Numbers 2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract Multi-Digit Numbers 2.5.7 Subtract Multi-Digit Numbers	2.5.2 Find Differences of 2-Digit Numbers								_				✓					
2.5.5 Subtract Tens from 3-Digit Numbers 2.5.6 Subtract 3-Digit Numbers 3.5.6 Subtract 3-Digit Numbers 4.5.7 Subtract Multi-Digit Numbers 5.5.7 Subtract Multi-Digit Numbers 6.5.8 Subtract Multi-Digit Numbers 7.5.9 Subtract Multi-Digit Numbers		√							✓									
2.5.6 Subtract 3-Digit Numbers 2.5.7 Subtract Multi-Digit Numbers ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓													✓					
2.5.7 Subtract Multi-Digit Numbers	2.5.5 Subtract Tens from 3-Digit Numbers										✓	✓						
257 Substituti Significant	2.5.6 Subtract 3-Digit Numbers										✓							
	2.5.7 Subtract Multi-Digit Numbers										√		√					
2.6.0 Measure Length	2.6.0 Measure Length																	
2.6.1 Measurement Tools ✓	2.6.1 Measurement Tools													✓				
2.6.2 Lengths in Inches and Feet	2.6.2 Lengths in Inches and Feet													√	✓			
2.6.3 Lengths in Centimeters and Meters	2.6.3 Lengths in Centimeters and Meters													✓	✓			
2.6.4 Compare Lengths														✓				
2.7.0 Add and Subtract Lengths																		
		√	√						√								√	✓
		√	√ ·						√							√	√	<i>-</i>
2.7.3 Problem Solving with Lengths																		
2.7.4 Compare Problems with Lengths		√							1							√		

							Cund	- 2 (`aaa	- C-	C+	-t- C	.	- u-l-	f v	laab.	D.	- d:							
REDBIRD MATHEMATICS					multiplica	properties of tion and the	Multiply and	Solve problen	commo		re st	ate S	tana	aras	tor A	igebi	Solve pi	roblems							
Education		nt and solv				ip between	divide within 100.		, and identify and		_							ment and	Geo	metric meası				a and relate a	area to
No. Unit/Lesson		3.OA.A.2			3.OA.B.5	and division. 3.OA.B.6	3.OA.C.7	3.OA.D.8	as in arithmetic.	2 NE A 4		lop understa				2 NE 4 24	estim		2 MD 0 F-	2 MD O Sh		ication and to		3.MD.C.7c	2 MD 0 74
3.1.0 Understand Multiplication	3.UA.A.1	3.UA.A.2	3.UA.A.3	3.UA.A.4	3.UA.B.5	3.UA.B.6	3.UA.C./	3.UA.D.8	3.UA.D.9	3.NF.A.1	3.NF.A.2a	3.NF.A.20	J.NF.A.Ja	3.NF.A.30	3.NF.A.30	3.NF.A.30	3.MD.A.1	3.MD.A.2	3.MD.C.5a	3.MD.C.50	3.MD.C.6	3.MD.C./a	3.MD.C./b	3.MD.C./c	3.MD.C./d
3.1.1 Equal Groups: Repeated Addition	1		1	1			1																		4
3.1.1 Equal Groups: Repeated Addition 3.1.2 Equal Groups: Unknown Items Per Group	√		1	\ \ \			√																		_
3.1.2 Equal Groups: Unknown Items Per Group 3.1.3 Equal Groups: Unknown Number of Groups	√		1	\ \ \			1																		-
3.1.4 Equal Groups: Onknown Number of Groups 3.1.4 Equal Groups: Rows	√		1	\ \ \ \		1	√																		
3.1.5 Equal Groups: Rows 3.1.5 Equal Groups: The Array Model	<i>y</i>		√	\ \ \			1																		
3.1.6 Commutative Property of Multiplication			1	V	√		V																		
3.1.7 Multiplicative Identity Property and Zero Property of Multiplication			\ \ \	\ \ \ \			1																		1
3.1.8 Problem Solving with Multiplication			1	1	·		1																		
3.2.0 Concept of Area			·																						
3.2.1 Compare Areas of Rectangles																			1	1	1				
3.2.2 Tile Rectangles to Find Area																				1	1	1	1		
3.2.3 Area Formula																					1	1	1		
3.2.4 Decompose a Rectangle to Find Area																							1	1	
3.2.5 Area with Customary Units			_																				1		
3.2.6 Area with Metric Units			1																				1		
3.2.7 Decompose Figures to Find Area																							/		/
3.3.0 Patterns in Multiplication																									
3.3.1 Multiply by 2				1			1		1																
3.3.2 Multiply by 3 and 5				1			√		1																
3.3.3 Introduction to Multiplication Tables				1			✓		1																
3.3.4 Use Multiplication Tables				1			✓		1																
3.3.5 Basic Multiplication Facts				✓	✓		✓																		
3.3.6 Patterns in the Multiplication Table				√	✓		✓		✓																
3.3.7 Learn Multiplication Facts				✓	✓		✓																		
3.4.0 Understand Division																									
3.4.1 Equal Groups: Unknown Items Per Group		✓	✓	✓			✓																		
3.4.2 Equal Groups: Unknown Number of Groups		✓	✓	✓			✓																		
3.4.3 Equal Groups: Tape Diagrams		✓	✓	✓		✓	✓																		
3.4.4 Equal Groups: Arrays		✓	✓	✓		✓	✓																		
3.4.5 Problem Solving with Related Facts			✓	✓		√	✓																		
3.5.0 Use Mixed Operations to Solve Problems																									
3.5.1 Order of Operations with Parentheses								✓																	
3.5.2 Order of Operations without Parentheses								✓																	
3.5.3 Associative and Commutative Properties					✓																				
3.5.4 Multiples of Ten*					✓				✓																
3.5.5 Tape Diagrams			√				✓																		
3.5.6 Problem Solving with Mixed Operations			✓				1	✓																	
3.6.0 Measurement: Time, Volume, and Mass																									
3.6.1 Tell Time																	✓								
3.6.2 Problem Solving with Elapsed Time																	✓								
3.6.3 Liquid Volume																		✓							
3.6.4 Mass																		✓							
3.7.0 Fraction Concepts										,															
3.7.1 Model Equal Parts						-			-	1															
3.7.2 Use Fraction Bars to Name Fractions						-			-	√															
3.7.3 Use Fraction Rectangles and Circles to Name Fractions 3.7.4 Find Equivalent Fractions									-	✓			1	1											
·									-				V	· ·		1									
3.7.5 Compare Fractions 3.7.6 Find Fractions on a Number Line						 			-		1	1			1	'									
3.7.6 Find Fractions on a Number Line 3.7.7 Compare Fractions on a Number Line									-		-	'	1		'	1									
5.7.7 Compare Fractions on a Number Line																V									

^{*}This lesson also addresses 3.NBT.A.3

problems. numbers. multi-digit arithmetic. ordering. understandings of operations on whole numbers.		
No. Unit/Lesson		are decimal
4.1.1 Read and Write Multi-Digit Numbers 4.1.2 Place Value Relationships 4.1.3 Compare Numbers 4.1.4 Round Numbers 4.1.5 Addition 4.1.5 Addition 4.1.6 Problem Solving with Addition and Subtraction 4.1.7 Problem Solving with Addition and Subtraction 4.2.1 Place Solving with Addition and Subtraction 4.2.2 Tape Diagrams and Multiple Solving with Additions Solving Wit		4.NF.C.7
4.1.1 Read and Write Multi-Digit Numbers	1	1.1.1.1.0.11
A1.12 Place Value Relationships		-
4.1.3 Compare Numbers 4.1.4 Round Numbers 4.1.5 Addition 4.1.6 Subtraction 4.1.7 Problem Solving with Addition and Subtraction 4.1.7 Problem Solving with Addition and Subtraction 4.1.8 Multiplication and Division 4.2.1 Multiplication and Division 4.2.2 Tape Diagrams and Multiplicative Comparison 4.2.3 Factors and Multiplicative Comparison 4.2.4 Factors and Multiplicative Comparison 4.2.5 Investigate Remainders 4.3.0 Extend Multiplication Concepts 4.3.1 Multiply by 10, 100, and 1000 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.7 Problem Solving with Multiplication 4.3.8 Use Area Diagram to Multiply by 2-Digit Number 4.3.9 Distributive Property to Multiply by 2-Digit Number 4.3.9 Use Distributive Property to Multiply by 2-Digit Number 4.3.9 Problem Solving with Multiply to Multiply by 2-Digit Number 4.3.9 Problem Solving with Multiply to Multiply by 1-Digit Number 4.3.9 Problem Solving with Multiply to Multiply by 1-Digit Number 4.3.0 Use Distributive Property to Multiply by 2-Digit Number 4.3.1 Use Distributive Property to Multiply by 2-Digit Number 4.3.3 Use Area Diagram to Multiply by 2-Digit Number		+
4.1.4 Round Numbers		1
4.1.5 Addition		
4.1.6 Subtraction 4.1.7 Problem Solving with Addition and Subtraction 4.2.0 Multiplication as Comparison 4.2.1 Multiplication as Comparison 4.2.2 Tape Diagrams and Multiplicative Comparison 4.2.3 Find Missing Factors 4.2.4 Factors and Multiplicative Comparison 4.2.5 Investigate Remainders 4.2.6 Investigate Remainders 4.3.1 Multiply by 10, 100, and 1000 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Area Diagram to Multiply by 2-Digit Number 4.3.7 Problem Solving with Addition and Subtraction 4.3.8 Use Area Diagram to Multiply by 2-Digit Number 4.3.9 Problem Solving with Addition and Subtraction 4.3.1 Problem Solving with Addition and Subtraction 4.3.2 Use Area Diagram to Multiply by 2-Digit Number 4.3.3 Use Area Diagram to Multiply by 2-Digit Number 4.3.4 Use Distributive Property to Multiply by 2-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.8 Use Distributive Property to Multiply by 2-Digit Number 4.3.9 Problem Solving with Multiplication 4.3.0 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		1
4.1.7 Problem Solving with Addition and Subtraction 4.2.0 Multiplication and Division 4.2.1 Multiplication as Comparison 4.2.2 Tape Diagrams and Multiplicative Comparison 4.2.3 Find Missing Factors 4.2.4 Factors and Multiplies* 4.2.5 Investigate Remainders 4.3.6 Estimate Products 4.3.1 Multiply by 10, 100, and 1000 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 2-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.8 Vs. Problem Solving with Multiplication 4.3.9 Problem Solving with Multiplication 4.3.1 Problem Solving with Multiplication		†
4.2.0 Multiplication and Division 4.2.1 Multiplication as Comparison 4.2.2 Tape Diagrams and Multiplicative Comparison 4.2.3 Factors and Multiplicative Comparison 4.2.4 Factors and Multiples* 4.2.5 Investigate Remainders 4.3.1 Multiplication Concepts 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 2-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.7 Problem Solving with Multiplication		1
4.2.1 Multiplication as Comparison		
4.2.2 Tape Diagrams and Multiplicative Comparison 4.2.3 Find Missing Factors 4.2.4 Factors and Multiples* 4.2.5 Investigate Remainders 4.3.6 Extend Multiplication Concepts 4.3.1 Multiply by 10, 100, and 1000 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.7 Problem Solving with Multiplication		
4.2.3 Find Missing Factors 4.2.4 Factors and Multiples* 4.2.5 Investigate Remainders 4.3.6 Extend Multiplication Concepts 4.3.1 Multiply by 10, 100, and 1000 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		
4.2.4 Factors and Multiples* 4.2.5 Investigate Remainders 4.3.0 Extend Multiplication Concepts 4.3.1 Multiply by 1,0 100, and 1000 4.3.2 Estimate Products 4.3.2 Use Area Diagram to Multiply by 1-Digit Number 4.3.3 Use Posteributive Property to Multiply by 2-Digit Number 4.3.4 Use Distributive Property to Multiply by 2-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		†
4.2.5 Investigate Remainders		1
4.3.0 Extend Multiplication Concepts		
4.3.1 Multiply by 10, 100, and 1000 4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		
4.3.2 Estimate Products 4.3.3 Use Area Diagram to Multiply by 1-Digit Number 4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication 4.3.8 Use Distributive Property to Multiply by 2-Digit Number 4.3.9 Use Distributive Property to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		
4.3.4 Use Distributive Property to Multiply by 1-Digit Number 4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		
4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		1
4.3.5 Use Area Diagram to Multiply by 2-Digit Number 4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		†
4.3.6 Use Distributive Property to Multiply by 2-Digit Number 4.3.7 Problem Solving with Multiplication		
4.3.7 Problem Solving with Multiplication		1
		†
7.7.0 LALCHIU DIVISION CONCEPUS		
4.4.1 Divide 10s, 100s, and 1000s		
4.4.2 Estimate Quotients ✓		1
4.4.3 Area Diagrams in Division		1
4.4.4 Distributive Property in Division		1
4.4.5 Zeros in Division ✓		1
4.4.6 Problem Solving with 1-Digit Divisors ✓		1
4.4.7 Problem Solving with Division and Other Operations		
4.5.0 Equivalent Fractions		
4.5.1 Fractions: Compare Whole Numbers to Make New Numbers		1
4.5.2 Compare Fractions with Models		
4.5.3 Compare and Order Fractions		
4.5.4 Multiply to Create Equivalent Fractions ✓		
4.5.5 Divide to Create Equivalent Fractions √		
4.6.0 Operations with Fractions		
4.6.1 Add Unit Fractions		
4.6.2 Add Fractions		
4.6.3 Subtract Fractions		
4.6.4 Mixed Numbers		
4.6.5 Improper Fractions ✓		
4.6.6 Problem Solving with Fractions with Like Denominators		
4.6.7 Multiples of Unit Fractions		
4.6.8 Multiply a Fraction by a Whole Number		
4.6.9 Problem Solving with Fractions and Mixed Operations		
4.7.0 Decimal Fraction Concepts		
4.7.1 Decimal Fractions ✓		
4.7.2 Add Decimal Fractions		
4.7.3 Write Fractions in Decimal Notation	√	
4.7.4 Compare Decimals in Tenths and Hundredths	•	

^{*}This lesson addresses 4.OA.B.4

							Gr	ade !	5 C	omr	non	Core	State	e Sta	ndar	ds fo	r Alg	ebra	Read	dines	S						
REDBIRD HIII Education MATHEMATICS				value system.		whole nur	perations with nbers and with	th decimals s.	fractio strategy t subtract	o add and fractions.		d extend prev									volume	to multiplic	ation and to			Graph poin coordinate solve real-v mathem	e plane to world and natical ems.
No. Unit/Lesson	5.NBT.A.1	5.NBT.A.2	5.NBT.A.3	a 5.NBT.A.3b	5.NBT.A.4	5.NBT.B.5	5.NBT.B.6	5.NBT.B.7	5.NF.A.1	5.NF.A.2	5.NF.B.3	5.NF.B.4a	5.NF.B.4b	5.NF.B.5a	5.NF.B.5b	5.NF.B.6	5.NF.B.7a	5.NF.B.7b	5.NF.B.7c	5.MD.C.3a	5.MD.C.3b	5.MD.C.4	5.MD.C.5a	5.MD.C.5b	5.MD.C.5c	5.G.A.1	5.G.A.2
5.1.0 Whole Numbers: Place Value & Multiplication																											
5.1.1 Place Value and Exponents	✓	✓																									
5.1.2 Multiply by 1-Digit Factors						✓																					
5.1.3 Multiply by 2-Digit Factors						✓																					
5.1.4 Use Algorithms with 1-Digit Factors						✓																					
5.1.5 Use Algorithms with 2-Digit Factors						✓																					
5.2.0 Whole Numbers: Division																											
5.2.1 Use Multiplication to Estimate Quotients							√																				
5.2.2 Use Rounding to Estimate Quotients							√																				
5.2.3 Use Repeated Subtraction and Multiples of 10							√																				
5.2.4 Use Models with 2-Digit Divisors							✓																				
5.2.5 Methods for Division							√																				
5.2.6 Problem Solving with Division							√																				
5.3.0 Decimals: Place Value and Operations																											
5.3.1 Decimal Place Value	1		_																								
5.3.2 Round Decimals					1																						
5.3.3 Compare Decimals				1																							
5.3.4 Add and Subtract Decimals				+ •				1																			
5.3.5 Multiply and Divide Tenths and Hundredths								1																			
5.3.6 Multiply Decimals								1																			$\overline{}$
5.3.7 Divide Decimals		1						1																			
5.3.8 Problem Solving with Decimal Operations																											
5.4.0 Fractions: Addition and Subtraction																											
5.4.1 Equivalent Forms									1																		
5.4.2 Find Common Denominators Using Models									V																		
5.4.3 Find Common Denominators									1																		
5.4.4 Add and Subtract Fractions and Mixed Numbers Using N	Andals								V	1																	
5.4.5 Add and Subtract Fractions and Mixed Numbers	vioueis								1	~																	
5.4.6 Estimate Sums and Differences					1				· ·	V																_	
5.4.7 Problem Solving with Addition and Subtraction of Fracti										V																-	
5.5.0 Fractions: Multiplication and Division	Ons																										
5.5.1 Inverse Operations											1	1															
											<u> </u>	1														-	
5.5.2 Multiply Fractions Using Bar Models												•														_	
5.5.3 Multiply Fractions Using a Number Line												1		,		,										-	
5.5.4 Multiply Fractions Using an Area Diagram														√	,	✓										_	
5.5.5 Scale														✓	✓	✓										\vdash	
5.5.6 Divide Whole Numbers by Unit Fractions																		✓	√							-	
5.5.7 Divide Unit Fractions by Whole Numbers																	✓		√								
5.5.8 Problem Solving with Multiplication and Division of Frac	tions															✓			√								
5.6.0 Volume: Right Rectangular Prisms																											
5.6.1 Unit Cubes																				✓	/					\vdash	
5.6.2 Determine Volume Using Cubes																					✓	✓				\vdash	
5.6.3 Examine Layers, Rows, and Columns															ļ								✓			\vdash	
5.6.4 Explore Nets							ļ								ļ								✓			\sqcup	
5.6.5 Volume Formulas							1								1	1								✓		\vdash	
5.6.6 Problem Solving with Volume																								√	√	\sqcup	
5.7.0 Coordinate Graphs																											
5.7.1 Coordinate Plane																										√	
5.7.2 Ordered Pairs																										√	
5.7.3 Connect Points in the Plane																											✓
5.7.4 Use the Coordinate Plane																											✓
						•																					

							Gra	de 6	Co ı	mmo	n Co	re St	tate	Stan	dard	ls for	· Alg	ebra	Read	dines	S						
	Apply and extend previous																										D
Mc DEDBIDD	understandings of																										Represent and analyze quantitative
Graw Hill MATHEMATICS	multiplication and																										relationships
HIII MATHEMATICS	division to divide fractions by										Unders	tand ratio o	oncente an	nd use ratio	reseoning	to solve	Annly	and extend	previous ur	nderetandin	as of arith	metic to	Pesson	about and	I solve one	.variahla	between dependent and independent
	fractions.	A	pply and ext	end previou	s understand	dings of nun	bers to the	system of rat	tional numbe	ers.	Onders	tanu ratio c	prob		reasoning	to solve	Арріу	anu extenu	algebraic e		ys or ariti	metic to			d inequalit		variables.
No. Unit/Lesson	6.NS.A.1	6.NS.C.5	6.NS.C.6a	6.NS.C.6b	6.NS.C.6c	6.NS.C.7a	6.NS.C.7b	6.NS.C.7c	6.NS.C.7d	6.NS.C.8	6.RP.A.1	6.RP.A.2	6.RP.A.3a	6.RP.A.3b	6.RP.A.3c	6.RP.A.3d	6.EE.A.1	6.EE.A.2a	6.EE.A.2b	6.EE.A.2c	6.EE.A.3	6.EE.A.4	6.EE.B.5	6.EE.B.6	6.EE.B.7	6.EE.B.8	6.EE.C.9
6.1.0 Rational Numbers and Absolute Value																											
6.1.1 Explore Integers		✓	✓																								
6.1.2 Rational Numbers					✓																						
6.1.3 Compare and Order Rational Numbers						✓	✓																				
6.1.4 Understand Absolute Value								✓	1																		
6.1.5 Problem Solving with Absolute Value								✓	√																		
6.2.0 Rational Numbers in the Coordinate Plane																											
6.2.1 Graphs on the Coordinate Plane				✓	√					—																	
6.2.2 Distance in the Coordinate Plane				1						√												_					
6.2.3 Reflections on the Coordinate Plane				-						/																	
6.2.4 Problem Solving with the Coordinate Plane*															_												
6.3.0 Division of Fractions 6.3.1 Model Division with Unit Fractions	/																										
6.3.1 Model Division with Unit Fractions 6.3.2 Model Fraction Division	√																					-					
6.3.2 Model Fraction Division 6.3.3 Write Fraction Division Equations	<i>y</i>									_					-							-					
	<i>J</i>																					+					
6.3.4 Fraction Division with Equations 6.3.5 Create, Model, and Solve Problems with Fraction Division	<i>y</i>																										
6.3.6 Problem Solving with Fractions and Mixed Numbers	<i>y</i>														1			-			-	+					
6.4.0 Ratios and Rates	V																										
6.4.1 Visualize and Represent Ratios											1																
6.4.2 Compare Ratios											•		1									+					
6.4.3 Unit Rates												1	_	1													
6.4.4 Graph Rates and Other Ratios													1	1													
6.4.5 Convert Measurement Units																1											
6.4.6 Problem Solving with Unit Rates												/	1	1		1											
6.5.0 Proportions and Proportional Reasoning																											
6.5.1 Write Proportions													1														
6.5.2 Strategies to Solve Proportions																1											
6.5.3 Percents															1												
6.5.4 Solve Percent Problems															√												
6.5.5 Problem Solving with Proportions													✓	✓	✓	✓											
6.6.0 Algebraic Reasoning: Write and Evaluate Expressions																											
6.6.1 Introduction to Exponents																	✓										
6.6.2 Order of Operations																	✓	✓		✓							
6.6.3 Numerical Expressions																		✓		1							
6.6.4 Transition to Algebraic Expressions																		✓	✓	✓							
6.6.5 Read and Write Algebraic Expressions Part 1																		√	✓	ļ							
6.6.6 Read and Write Algebraic Expressions Part 2										1								✓		1	L .						
6.6.7 Equivalent Expressions																					✓	✓					
6.6.8 Use Equivalent Expressions to Simplify										-								<u> </u>		<u> </u>	/	√					
6.6.9 Problem Solving with Algebraic Expressions																		✓		✓	✓	✓					
6.7.0 Equations and Inequalities																											
6.7.1 Check for Solutions to Equations				-	-	-			-	-								-	-	-	-	-	√	,			
6.7.2 Write 1-Variable Equations			-	-	-	-	-	-	-	-							-	-	-	-	-	-		√	,		
6.7.3 Solve 1-Variable Equations				-	-	-	-		-	1								<u> </u>	1	1	1	1		√	√		
6.7.4 Problem Solving with 1-Variable Equations					-				-	1										-					'		 ,
6.7.5 Represent 2-Variable Relationships				-	-	-			-	1									-	-	-	1					√
6.7.6 Analyze Relationships Using Tables and Graphs 6.7.7 Relate Tables and Graphs to Equations										-										-	_	_					√
6.7.8 Write Inequalities					 			-	_	+								_	—	 	 	1	1			1	- ' -
6.7.8 Write inequalities 6.7.9 Solutions of inequalities				<u> </u>	1	<u> </u>			1	1									1	1	 	1	V			<i>y</i>	
0.7.5 Solutions of mequalities										-																V	

^{*}This lesson also addresses 6.G.A.3



Grade 7 -- Common Core State Standards for Algebra Readiness

Hill Hill Education MATHEMATICS	Apply an	d extend pro	evious unde	rstandings o	f operations rational nun		ns to add, su	ıbtract, mult	iply, and	Analyze p		al relationsl and mathe			olve real-	operations	perties of to generate expressions.	using n	e and mathema numerical and a ssions and equ	
No. Unit/Lesson	7.NS.A.1a	7.NS.A.1b	7.NS.A.1c	7.NS.A.1d	7.NS.A.2a	7.NS.A.2b	7.NS.A.2c	7.NS.A.2d	7.NS.A.3	7.RP.A.1	7.RP.A.2a	7.RP.A.2b	7.RP.A.2c	7.RP.A.2d	7.RP.A.3	7.EE.A.1	7.EE.A.2	7.EE.B.3	7.EE.B.4a	7.EE.B.4b
7.1.0 Operations with Integers																				
7.1.1 Add and Subtract Integers on the Number Line		√																		
7.1.2 Add and Subtract Integers	√	1	1	/																
7.1.3 Multiply Integers on the Number Line					1		/													
7.1.4 Multiply Integers					1		1													
7.1.5 Multiply and Divide Integers						√	<i>\</i>													
7.1.6 Problem Solving with Integers				1			1											1		
7.2.0 Operations with Rational Numbers				_			_											·		
7.2.1 Add, Subtract, and Multiply Rational Numbers		√	√		1															
7.2.2 Operations with Rational Numbers		· ·	-	1	-		V		/									-		
7.2.2 Operations with Rational Numbers 7.2.3 Multiply and Divide Rational Numbers				_ '		1	√		- '											
						V	\ \ \													
						_ '	V		1									1		
7.2.5 Numerical Expressions with Rational Numbers								/	-			-						-		
7.2.6 Decimals and Fractions								-	,				-	-					-	-
7.2.7 Problem Solving with Rational Numbers									✓									✓		
7.3.0 Unit Rates and Proportional Reasoning										,										
7.3.1 Find and Compare Unit Rates										✓		-								
7.3.2 Identify Proportional Relationships from Tables and Gra	ohs										✓	.		<u> </u>						
7.3.3 Proportional Relationships in Tables and Graphs												✓		✓						
7.3.4 Tables, Graphs, and Equations of Proportional Relationsh	nips											✓	✓							
7.3.5 Scale Drawings*												✓			✓					
7.3.6 Represent Proportional Relationships												✓								
7.3.7 Problem Solving with Unit Rates and Constant of Propor	tionality														✓			✓		
7.4.0 Proportional Reasoning and Percents																				
7.4.1 Represent and Solve Proportions															✓					1
7.4.2 Proportional Relationships and Percents															✓					
7.4.3 Proportional Relationships and Percent Change															✓					
7.4.4 Problem Solving with Percent Change															✓			✓		
7.4.5 Problem Solving with Proportional Relationships															✓			✓		
7.5.0 Algebraic Expressions																				
7.5.1 Add and Subtract Linear Expressions																✓				
7.5.2 Expand Linear Expressions																√				
7.5.3 Expand and Factor Linear Expressions																√				
7.5.4 Analyze Equivalent Expressions																	√			
7.5.5 Simplify Multi-Step Expressions																√		/		
7.6.0 Write and Solve Equations and Inequalities																				
7.6.1 One-Step Equations with Rational Numbers																			√	
7.6.2 Write Multi-Step Equations to Model Problems																		1	/	
7.6.3 Solve Multi-Step Equations																		1	· /	
7.6.4 Problem Solving with Equations																		· /	<i>\</i>	
7.6.5 Write Inequalities to Model Problems																		<u> </u>	<u> </u>	/
7.6.6 Write and Solve Inequalities Part 1																				<u> </u>
7.6.7 Write and Solve Inequalities Part 2																				1
7.6.8 Problem Solving with Inequalities																		1		\ \ \ \
7.7.0 Equations in Measurement and Geometry																		Ť		
7.7.1 Circumference of a Circle**																				
7.7.1 Circumference of a Circle*** 7.7.2 Area and Circumference of a Circle***											√									
7.7.3 Problem Solving with Circles****											· ·							1		
7.7.4 Area and Surface Area of 2- and 3-Dimensional Objects*	***											-	-					-	✓	
7.7.4 Area and Surface Area of 2- and 3-Dimensional Objects**** 7.7.5 Surface Area and Volume of 3-Dimensional Objects****												-							√	
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7.7.6 Problem Solving with 2- and 3-Dimensional Objects****												L			l					

^{*}This lesson also addresses 7.G.A.1

^{**}This lesson addresses 7.G.B.4

^{***}This lesson also addresses 7.G.B.4 and 7.G.B.6

^{****}This lesson also addresses 7.G.B.6