

Chapter 1 Whole Numbers

Lesson	Topic	MLS
	A) Place Values to Millions	4.NBT.A.2,
1-1 Place Value	B) Expanded and Standard Form of Numbers	4.NBT.A.4
1-2 Reading Numbers	A) Reading Numbers to Millions	4.NBT.A.2
1-3 Writing Numbers	A) Writing Numbers to Millions	4.NBT.A.2
1-4 Comparing Numbers	A) Comparing Numbers with Six or Fewer Digits	4.NBT.A.3
1-5 Ordering Numbers	A) Ordering Whole Numbers	
1-6 Rounding	A) Rounding to a Given Place Value	4 NDT A 4
	B) Rounding to a Lead Digit	4.NBT.A.1

Chapter 2 Adding and Subtracting Whole Numbers

Lesson	Topic	MLS
2-1 Vertical Addition	A) Vertical Addition of Two Numbers with Six or Fewer Digits	4.NBT.A.5,
	B) Vertical Addition of Three or More Numbers	- 4.RA.A.2
2.2 Havinantal Addition	A) Horizontal Addition of Two Numbers	4.NBT.A.5,
2-2 Horizontal Addition	B) Horizontal Addition of Three or More Numbers	4.RA.A.2
2-3 Vertical Subtraction	A) Vertical Subtraction of Numbers with Six or Fewer Digits	4.NBT.A.5, 4.RA.A.2
2 / Harizantal	A) Horizontal Subtraction of Two Numbers	4 NDT A F
2-4 Horizontal Subtraction	B) Horizontal Addition or Subtraction of Three or More Numbers	4.NBT.A.5, 4.RA.A.2
2-5 Addition and Subtraction Relations	A) Relationships Between Addition and Subtraction Sentences	4.NBT.A.5,
	B) Missing Numbers in Addition and Subtraction Sentences	4.RA.A.2
2-6 Estimating Sums and Differences	A) Estimating Sums and Differences	4.RA.A.2



Chapter 3 Multiplying Whole Numbers

3-1 Basic Multiplication Facts A) Single Digit Multiplication Facts A) Multiplying a One-Digit Number and Ten B) Pattern of Zeros – Multiplication A, RA.A.2 A) Base Ten Blocks to Multiply by One-Digit Numbers A, NBT.A.6, A, RA.A.1, A, RA.A.2 3-4 Multiplying by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers without Regrouping A) Standard Algorithm to Multiply by One-Digit Numbers - Standard Algorithm to Multiply by One-Digit Numbers with Regrouping A) Standard Algorithm to Multiply by One-Digit Numbers - Models B) Partial Products to Multiply Two-Digit Numbers B) Partial Products to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping B) Horizontal Multiplication of Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping B) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping B) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers With Regrouping A) Horizontal Multipl	Lesson	Topic	MLS
Multiples of 10 B) Pattern of Zeros – Multiplication A) Base Ten Blocks to Multiply by One-Digit Numbers A) Base Ten Blocks to Multiply by One-Digit Numbers B) Tables to Multiply by One-Digit Numbers C) Partial Products to Multiply by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers without Regrouping A) Standard Algorithm to Multiply by One-Digit Numbers without Regrouping A) Standard Algorithm to Multiply by One-Digit Numbers with Regrouping A) Standard Algorithm to Multiply by One-Digit Numbers with Regrouping A) Tables to Multiply Two-Digit Numbers A) Tables to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of Two-Digit Numbers		A) Single Digit Multiplication	
A) Base Ten Blocks to Multiply by One-Digit Numbers A) Base Ten Blocks to Multiply by One-Digit Numbers B) Tables to Multiply by One-Digit Numbers C) Partial Products to Multiply by One-Digit Numbers 3-4 Multiplying by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers A) Standard Algorithm to Multiply by One-Digit Numbers swith Regrouping A) Tables to Multiply Two-Digit Numbers B) Partial Products to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers With Regrouping A) Horizontal Multiplication of Two-Digit Numbers With Regrouping	3-2 Products with	A) Multiplying a One-Digit Number and Ten	4.RA.A.1,
3-3 Multiply by One-Digit Numbers - Models B) Tables to Multiply by One-Digit Numbers C) Partial Products to Multiply by One-Digit Numbers 3-4 Multiplying by One-Digit Numbers - Standard Algorithm with No Regrouping 3-5 Multiplying by One-Digit Numbers - Standard Algorithm with No Regrouping 3-5 Multiplying by One-Digit Numbers - Standard Algorithm with Regrouping 3-6 Multiplying Two-Digit Numbers - Models 3-7 Multiplying Two-Digit Numbers - Standard Algorithm to Multiply Two-Digit Numbers - Standard Algorithm to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers B) Partial Products to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping 3-8 Horizontal Multiplication - No Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of Two-Digit Numbers with Regrouping B) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of Two-Digit Numbers with Regrouping	Multiples of 10	B) Pattern of Zeros – Multiplication	4.RA.A.2
Numbers - Models C) Partial Products to Multiply by One-Digit Numbers 4.RA.A.1, 4.RA.A.2 3-4 Multiplying by One-Digit Numbers - Standard Algorithm with No Regrouping 3-5 Multiplying by One-Digit Numbers - Standard Algorithm with Regrouping 3-5 Multiplying Two-Digit Numbers with Regrouping 3-6 Multiplying Two-Digit Numbers - Models 3-7 Multiplying Two-Digit Numbers - Standard Algorithm to Multiply Two-Digit Numbers 3-7 Multiplying Two-Digit Numbers - Standard Algorithm to Multiply Two-Digit Numbers without Regrouping 3-8 Horizontal Multiplication - No Regrouping 3-9 Horizontal Multiplication - Regrouping A) And False to Multiply Two-Digit Numbers without Regrouping 4.RA.A.2		A) Base Ten Blocks to Multiply by One-Digit Numbers	4.NBT.A.4,
C) Partial Products to Multiply by One-Digit Numbers 4.RA.A.2 3-4 Multiplying by One-Digit Numbers - Standard Algorithm with No Regrouping 3-5 Multiplying by One-Digit Numbers - Standard Algorithm to Multiply by One-Digit A.RA.A.2 A) Standard Algorithm to Multiply Two-Digit Numbers A) Tables to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers A) Standard Algorithm to Multiply Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of Two-Digit Numbers Without Regrouping A) Horizontal Multiplication of One-Digit Numbers Without Regrouping A) Horizontal Multiplication of Two-Digit Numbers With Regrouping A) Horizontal Multiplication of One-Digit Numbers With Regrouping A) Horizontal Multiplication of Two-Digit Numbers With Regrouping B) Horizontal Multiplication of Two-Digit Numbers With Regrouping A) Horizontal Multiplication of Two-Digit Numbers With Regrouping B) Horizontal Multiplication of Two-Digit Numbers With Regrouping A) Horizontal Multiplication of Two-Digit Numbers With Regrouping		B) Tables to Multiply by One-Digit Numbers	•
Digit Numbers - Standard Algorithm to Multiply by One-Digit	Numbers - Models	C) Partial Products to Multiply by One-Digit Numbers	·
Digit Numbers - Standard Algorithm to Multiply by One-Digit 4.NBT.A.6, Algorithm with Regrouping 4.NBT.A.6, Numbers with Regrouping 4.NBT.A.6, Algorithm with Regrouping 4.NBT.A.6, Algorithm with Regrouping 4.NBT.A.6, Algorithm Vanders - Models Algorithm to Multiply Two-Digit Numbers 4.RA.A.2	Digit Numbers - Standard Algorithm with No	, , , , ,	
Numbers - Models B) Partial Products to Multiply Two-Digit Numbers 4.RA.A.2 A) Standard Algorithm to Multiply Two-Digit Numbers without Regrouping 4.NBT.A.6, 4.RA.A.2 4.NBT.A.6, 4.RA.A.2	Digit Numbers - Standard Algorithm with		
3-7 Multiplying Two-Digit Numbers - Standard Algorithm to Multiply Two-Digit Numbers without Regrouping 3-8 Horizontal Multiplication - No Regrouping 4.NBT.A.6, 4.RA.A.2 Algorithm A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping B) Horizontal Multiplication of Two-Digit Numbers with Regrouping 4.NBT.A.6, 4.RA.A.2	3-6 Multiplying Two-Digit	A) Tables to Multiply Two-Digit Numbers	4.NBT.A.6,
3-7 Multiplying Two-Digit Numbers - Standard Algorithm B) Standard Algorithm to Multiply Two-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of Two-Digit Numbers without Regrouping 4.NBT.A.6, 4.RA.A.2 B) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping 4.NBT.A.6, 4.RA.A.2	Numbers - Models	B) Partial Products to Multiply Two-Digit Numbers	4.RA.A.2
Algorithm B) Standard Algorithm to Multiply Two-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping 4. NBT.A.6, 4. NBT.A.6, 4. RA.A.2 B) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping B) Horizontal Multiplication of Two-Digit Numbers with Regrouping 4. NBT.A.6, 4. RA.A.2	3-7 Multiplying Two-Digit		4.NBT.A.6,
3-8 Horizontal Multiplication - No Regrouping B) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping 4.NBT.A.6, 4.RA.A.2		, ,	4.RA.A.2
Regrouping B) Horizontal Multiplication of Two-Digit Numbers without Regrouping A) Horizontal Multiplication of One-Digit Numbers with Regrouping 4. RA.A.2 4. RA.A.2 4. RA.A.2 4. RA.A.2 4. RA.A.2 With Regrouping with Regrouping 4. NBT.A.6, 4. RA.A.2 with Regrouping			4.NBT.A.6,
3-9 Horizontal Multiplication - Regrouping With Regrouping 4.NBT.A.6, 4.RA.A.2 with Regrouping with Regrouping	•		4.RA.A.2
Regrouping B) Horizontal Multiplication of Two-Digit Numbers with Regrouping 4.RA.A.2	Multiplication -	,	4.NBT.A.6,
3-10 Estimating Products A) Estimating Products 4.RA.A.2		,	
	3-10 Estimating Products	A) Estimating Products	4.RA.A.2



Chapter 4 Dividing Whole Numbers

Lesson	Торіс	MLS
4-1 Basic Division Facts	A) One-Digit Quotients When Dividing by One-Digit Numbers	4.RA.A.2, 4.RA.A.3
4-2 Quotients with	A) One Digit Quotients When Dividing by Ten	4.NBT.A.4,
Multiples of Ten	B) Pattern of Zeros - Division	4.RA.A.2, 4.RA.A.3
4-3 Dividing by One-Digit Numbers with No	A) Base Ten Blocks to Divide Two-Digit by One-Digit Numbers	4.NBT.A.7,
Remainders - Models	B) Base Ten Blocks to Divide by Three-Digit by One- Digit Numbers	4.RA.A.2, 4.RA.A.3
4-4 Dividing by One-Digit Numbers with No Remainders - Partial Quotients	A) Partial Quotients to Divide by One-Digit Numbers	4.NBT.A.7, 4.RA.A.2, 4.RA.A.3
4-5 Dividing by One-Digit Numbers with No Remainders - Standard Algorithm	A) Long Division to Divide by One-Digit Numbers	4.NBT.A.7, 4.RA.A.2, 4.RA.A.3
	A) Quotient and Remainder from Base Ten Blocks	_
4-6 Dividing by One-Digit Numbers with	B) Base Ten Blocks to Divide Two-Digit by One-Digit Numbers with Remainders	4.NBT.A.7, 4.RA.A.2, 4.RA.A.3
Remainders - Models	C) Base Ten Blocks to Divide Three-Digit by One-Digit Numbers with Remainders	
4-7 Dividing by One-Digit	A) Quotient and Remainder from Partial Quotients	4.NBT.A.7,
Numbers with Remainders - Partial Quotients	B) Partial Quotients to Divide by One-Digit Numbers with Remainders	4.RA.A.2, 4.RA.A.3
4-8 Dividing by One-Digit Numbers with Remainders - Standard Algorithm	A) Long Division to Divide by One-Digit Numbers with Remainders	4.NBT.A.7, 4.RA.A.2, 4.RA.A.3
4-9 Horizontal Division -	A) Horizontal Division by One-Digit Numbers	4.NBT.A.7,
No Remainders	B) Estimating Quotients	4.RA.A.2, 4.RA.A.3
4-10 Horizontal Division - Remainders	A) Horizontal Division by One-Digit Numbers with Remainders	4.NBT.A.7, 4.RA.A.2, 4.RA.A.3
4-11 Estimating Quotients	A) Estimating Quotients	4.RA.A.2, 4.RA.A.3



Chapter 5 Operations and Patterns

Lesson	Topic	MLS
5-1 Multiplication and Division Relations	A) Relationships Between Multiplication and Division Sentences	
	B) Missing Numbers in Multiplication and Division Sentences	- 3.RA.C.7
5.2 Mixed Operations	A) Horizontal Multiplication and Division of Three or More Numbers	4.04.4.2
5-2 Mixed Operations	B) Order of Operations to Evaluate Expressions without Grouping Symbols	4.RA.A.2
	A) Addition and Subtraction Expressions	
5-3 Expressions and	B) Multiplication and Division Expressions	- 4.RA.A.2
Equations	C) Expressions with More Than One Operation	4.KA.A.2
	D) Number Sentences	
5-4 Introduction to Patterns	A) Repeating Patterns	4.RA.C.6, 4.RA.C.7
5-5 Rules and Patterns	A) Patterns and Rules	4.RA.C.6,
	B) Continuing and Completing Patterns	4.RA.C.7



Chapter 6 Fraction Concepts

Lesson	Topic	MLS
6-1 Divisibility and	A) Divisibility by 2, 3, 5, and 10	4.RA.B.4
Multiples	B) Multiples	4.NA.D.4
C 2 Factors	A) Factors	4 DA D E
6-2 Factors	B) Prime and Composite Numbers	4.RA.B.5
	A) Word Form of Fractions	
6-3 Introduction to Fractions	B) Writing Fractions from Models	- 3.NF.A.2.a, - 3.NF.A.2.b
Tractions	C) Modeling Fractions with Fraction Bars	5.141 .7 (.2.5)
6-4 Fractions on Number	A) Writing Fractions from Number Lines	2 NE A 2 a
Lines	B) Modeling Fractions on Number Lines	3.NF.A.3.c
	A) Models to Write Equivalent Fractions	
6-5 Equivalent Fraction Models	B) Models to Simplify Fractions	4.NF.A.1, 4.NF.A.2
Wiodels	C) Models to Identify Equivalent Fractions	· 7.1VI ./\.Z
C. C. Cauivalant Fractions	A) Writing Equivalent Fractions	4.NF.A.1,
6-6 Equivalent Fractions	B) Simplifying Fractions	4.NF.A.2
	A) Comparing Fractions with the Same Denominator	
6-7 Comparing Fractions	B) Comparing Fractions with the Same Numerator	- - 4.NF.A.3
o / companing reactions	C) Comparing Fractions with Different Numerators and Denominators	- T.W. A.S
6-8 Ordering Fractions	A) Ordering Fractions with the Same Denominator or Numerator	
	B) Ordering Fractions with Different Numerators or Denominators	



Chapter 7 Fraction Addition, Subtraction, and Multiplication

Lesson	Topic	MLS
7-1 Fraction	A) Fractions Bars to Decompose Fractions	4.NF.B.4,
Decomposition with Models	B) Number Lines to Decompose Fractions	4.NF.B.5, 4.NF.B.6
7-2 Fraction Decomposition with Same Denominators	A) Decomposition of Fractions	4.NF.B.4, 4.NF.B.6
	A) Models to Add Fractions with Like Denominators - No Regrouping	
7-3 Add Fractions - No Regrouping	B) Adding Fractions with Like Denominators - No Regrouping	4.NF.B.4, 4.NF.B.6
	C) Vertical Addition with Mixed Numbers - No Regrouping	
7-4 Using Models to Add	A) Models to Write Improper Fractions as Mixed Numbers	4.NF.B.4,
Fractions - Regrouping	B) Models to Add Fractions with Like Denominators - Regrouping	4.NF.B.6
	A) Decomposition to Write Improper Fractions as Mixed Numbers	
7-5 Adding Fractions - Regrouping	B) Adding Fractions with Like Denominators - Regrouping	4.NF.B.4, 4.NF.B.6
	C) Vertical Addition with Mixed Numbers - Regrouping	-
7-6 Adding Mixed	A) Horizontal Addition with Mixed Numbers - No Regrouping	4.NF.B.4,
Numbers Horizontally	B) Horizontal Addition with Mixed Numbers - Regrouping	4.NF.B.6
7-7 Subtracting Fractions - No Regrouping	A) Models to Subtract Fractions with Like Denominators	
	B) Subtracting Fractions with Like Denominators	4.NF.B.4, 4.NF.B.6
	C) Vertical Subtraction with Mixed Numbers - No Regrouping	
7-8 Subtracting Mixed Numbers Vertically	A) Regrouping to Rewrite Whole and Mixed Numbers	
	B) Vertical Subtraction with Mixed Numbers - Regrouping	4.NF.B.4, 4.NF.B.6



Chapter 7 Fraction Addition and Subtraction (cont.)

Lesson	Topic	MLS
7-9 Subtracting Mixed	A) Horizontal Subtraction with Mixed Numbers - No Regrouping	4.NF.B.4,
Numbers Horizontally	B) Horizontal Subtraction with Mixed Numbers - Regrouping	4.NF.B.6
	A) Models of Equivalent Fractions with Denominators of 10 and 100	
7-10 Add and Subtract Fractions - Denominators 10 and 100	B) Models to Add Fractions with Different Denominators	4.NF.B.4, 4.NF.B.6
	C) Models to Subtract Fractions with Different Denominators	-
7-11 Multiplying Whole	A) Multiplication as Repeated Addition	
Numbers and Unit	B) Fractions as Whole Numbers Times Unit Fractions	4.NF.B.8
Fractions	C) Multiplying Whole Numbers and Unit Fractions	
7-12 Multiplying Whole Numbers and Fractions	A) Multiplying Whole Numbers and Fractions	4 NE D 7
	B) Changing Multiplying by a Fraction to Multiplying by a Unit Fraction	4.NF.B.7, 4.NF.B.8



Chapter 8 Decimals

Lesson	Торіс	MLS
	A) Models of Decimals Less Than One - Tenths	_
8-1 Decimal Models - Tenths	B) Models of Decimals Greater Than One - Tenths	4.NF.C.9
renting	C) Models of Decimals and Fractions - Tenths	_
	A) Models of Decimals Less Than One - Hundredths	
8-2 Decimal Models - Hundredths	B) Models of Decimals Greater Than One - Hundredths	4.NF.C.9
	C) Models of Decimals and Fractions - Hundredths	
8-3 Decimals on a Number Line - Tenths	A) Number Lines and Decimals - Tenths	4.NF.C.9
8-4 Decimals on a Number Line - Hundredths	A) Number Lines and Decimals - Hundredths	4.NF.C.9
	A) Decimal Place Value	_
8-5 Decimal Place Value	B) Reading and Writing Decimals	4.NF.C.11
	C) Values of Digits in Decimals	
8-6 Comparing and Ordering Decimals	A) Models to Compare Decimals	
	B) Comparing Decimals	4.NF.C.12
	C) Ordering Decimals	
8-7 Decimals and Fractions	A) Writing Decimals as Fractions	4.NF.C.9,
	B) Writing Fractions as Decimals	4.NF.C.10



Chapter 9 Measurement and Data

Lesson	Topic	MLS
9-1 Customary Units of	A) Estimating Customary Units of Length	4.GM.C.6,
Length	B) Converting Customary Units of Length	4.GM.C.7
9-2 Customary Units of	A) Estimating Customary Units of Volume	4.GM.C.6,
Volume	B) Converting Customary Units of Volume	4.GM.C.7
9-3 Customary Units of	A) Estimating Customary Units of Weight	4.GM.C.6,
Weight	B) Converting Customary Units of Weight	4.GM.C.7
9-4 Metric Units of	A) Estimating Metric Units of Length	4.GM.C.6,
Length	B) Converting Metric Units of Length	4.GM.C.7
	A) Estimating Metric Units of Volume	
9-5 Metric Units of	B) Converting Metric Units of Volume	4.GM.C.6,
Volume and Mass	C) Estimating Metric Units of Mass	4.GM.C.7
	D) Converting Metric Units of Mass	
9-6 Units of Time	A) Converting Units of Time	4.GM.C.6, 4.GM.C.7
9-7 Elapsed Time	A) a.m. or p.m.	4.GM.C.6,
	B) Elapsed Time	4.GM.C.7
9-8 Line Plots	A) Line Plots and Data Sets	4.DS.A.1,
	,	4.DS.A.2,
	B) Interpreting Data in Line Plots	4.DS.A.3



Chapter 10 Points, Lines, and Angles

Lesson	Topic	MLS
10-1 Points, Lines, and	A) Points and Lines	4 CN4 A 1
Segments	B) Segments	4.GM.A.1
10-2 Parallel and Perpendicular Lines	A) Parallel and Perpendicular Lines	4.GM.A.1
10.2 Days and Angles	A) Rays	4 CN4 A 1
10-3 Rays and Angles	B) Angles	4.GM.A.1
	A) Degrees in a Circle	
10.4.0.4.0	B) Using a Protractor	4.GM.A.1,
10-4 Measuring Angles	C) Measuring Angles Starting at Zero	4.GM.B.4, 4.GM.B.5
	D) Measuring Angles Not Starting at Zero	
10-5 Constructing Angles	A) Drawing Angles Opening to the Right	4.GM.A.1,
	B) Drawing Angles Opening to the Left	4.GM.B.4, 4.GM.B.5
10-6 Using Addition and Subtraction to Find Angle Measures	A) Angle Addition	

Chapter 11 Triangles and Quadrilaterals

Lesson	Topic	MLS
44 4 Charletter Translation	A) Angle Classification	4 6 4 4 2
11-1 Classifying Triangles	B) Angle Measures to Classify Triangles	4.GM.A.2
11-2 Classifying Quadrilaterals	A) Types of Quadrilaterals	4.GM.A.2
11-3 Perimeter of	A) Perimeter of Squares and Rectangles on a Grid	4 CM C 9
Rectangles	B) Perimeters of Rectangles	4.GM.C.8
11-4 Perimeter of Squares	A) Perimeters of Squares	4.GM.C.8
11 C Area of Doctorolos	A) Areas of Rectangles and Squares Given Figures	
11-5 Area of Rectangles and Squares	B) Areas of Rectangles and Squares Given Descriptions	4.GM.C.8
11-6 Lines of Symmetry	A) Identifying Lines of Symmetry	
	B) Figures with a Given Number of Lines of Symmetry	4.GM.A.3
	C) Results of Reflecting Over Lines of Symmetry	