Crest Memorial School Curriculum and Pacing Guide	
Grade: 6th	Subject Area: Math
Adoption Date:	Revision Date: February 16, 2024

Mission and Vision Statements
Mission: Successful teaching and learning of mathematics play an important role in ensuring that students have the right skills required to compete in a 21st century global economy. When properly implemented and coupled with opportunities for students to engage in mathematical investigation, communication and problem solving, rigorous mathematics standards hold the promise of elevating the mathematical knowledge and skill of every learner to levels competitive with the best in the world, of preparing our college entrants to undertake advanced work in the mathematical sciences, and of readying the next generation for the jobs their world will demand.   *Vision:* A New Jersey education in Mathematics builds quantitatively and analytically literate citizens prepared to meet the demands of college and career, and to engage productively in an information-driven society. All students will have access to a high-quality mathematics education that fosters a population that: ● leverages data in decision-making and as a lens for discussing, analyzing, and responding to practical questions.   ● persists to make sense of and model problems arising in everyday life, society, and the workplace.   ● thinks critically and strategically to assess quantitative relationships and to solutions to complex problems.   ● employs precise reasoning and constructs viable arguments to deduce conclusions, recognize false statements and assess peers' reasoning.   ● interprets, evaluates and critiques the mathematics embedded in social, scientific and commercial systems, as well as the claims made in the private and public sectors.   ● communicates precisely when conveying, representing, and justifying both qualitative and quantitative perspectives

Integration of Technology
9.4.5.TL.3   **9.4.5.TL.5**

21st Century Skills
9.4.5.IML.3   **9.4.8.IML.5**

Career Education
● **9.2.8.CAP.2** ● **9.2.8.CAP.6**

Interdisciplinary Connection
● **SCI.MS-ESS1-3** ● **MA.K-2.1.2.2.Cn10a**

Accommodations and Modifications	
Special Education	● follow 504/IEP accommodations ● provide a student copy of class notes ● read test questions aloud ● provide a "second chance" grading option (correct answers for additional points) ● allow extra time to complete assignments ● color code notebook dividers by tests, study guides, etc.
English Language Learners	● create visual word wall with labels ● highlight and define important vocabulary ● ask yes/no questions ● provide sentence frames or sentence stems ● allow for use of pictures in science journal with dictation support ● create a word map
Students At-Risk of Failure	● Allow verbalization before writing ● Use audio materials when necessary ● Read tests aloud ● Restate, reword, clarify directions ● Re-teach concepts using small groups ● Provide educational "breaks" as necessary ● Chunking content into "digestible bites" ● Shorten assignments to focus on mastery concept ● Assignment, Project, and Assessment Modification Based on Individual Student Needs ● Use mnemonic devices
Gifted and Talented	● Student Choice ● Assignment, Project, and Assessment Modification Based on Individual Student Needs

Students with 504 Plans	● Allow verbalization before writing ● Use audio materials when necessary ● Read tests aloud ● Restate, reword, clarify directions ● Re-teach concepts using small groups ● Provide educational "breaks" as necessary ● Chunking content into "digestible bites" ● Shorten assignments to focus on mastery concept ● Use mnemonic devices

Assessments	
Formative	● Warm-Ups ● Lesson Quick Checks (Exit Tickets) ● Teacher Observation ● Effective Questioning
Summative	● Unit Exams ● Short Lessons
Benchmark	● MAP Test ● Unit Exams
Alternative	● Projects ● Performance Exams

Pacing Guide	
Unit 1: Operations with Whole Numbers and Decimals	20 Days
Unit 2: Fraction Operations and Integers	27 Days
Unit 3: Ratios, Rates, and Proportional Relationships	27 Days
Unit 4: Numerical and Algebraic Expressions	19 Days
Unit 5: Writing and solving equations and inequalities	21 Days
Unit 6: Geometry	20 Days

Unit 7: Statistics	18 Days

Unit Learning Goals
- Students will be able to accurately divide word problems with decimals   - Students will be able to divide whole numbers with remainders   - Students will be able to accurately perform operations with decimals   - Students will be able to use operations with decimals in real-world problems

Core Instructional Materials	Supplemental Materials
● Textbook	- Online Math Dictionary - Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Operations with Whole Numbers and Decimals	● **MA.6.NS.B.2**	- Watch Video on what are decimals? - Setup Textbook - Complete Unit 1 Vocabulary using an online math dictionary
● Day 2: Understanding Whole Number Operations	● **MA.6.NS.B.2**	- Warm-Up: Rounding Decimals - Teach Lesson 1 Operations with whole numbers - Complete Error Analysis Worksheet in textbook
● Day 3: Understanding Whole Number	● **MA.6.NS.B.2**	- Multiplication and Division Pixel Art - Operations Crossword Worksheet
● Day 4: Understand Decimal Place Value and Estimating	● **MA.6.NS.B.2**	- Warm-Up: Operation with Whole Numbers Practice - Notes on Lesson 2 Place Value and Estimating Decimals - Riddle on estimating from textbook

● Day 5: Review Lessons 1 and 2	● **MA.6.NS.B.2**	● Warm-Up: Place Value and Estimation Practice ● Quizizz Review Game on first two lessons ● Study Textbook
● Day 6: Assessment on Lessons	● **MA.6.NS.B**	● Quiz on Lessons 1 and 2
● Day 7: Understand Addition and Subtraction of Decimals	● **MA.6.NS.B.3**	● Warm-Up: What rules do you remember from multiplying and dividing decimals ● Notes on Lesson 3 Adding and Subtracting Decimals ● Adding and Subtracting Textbook Worksheet
● Day 8: Understand Addition and Subtraction of Decimals	● **MA.6.NS.B.3**	● Warm-Up: Adding and Subtracting Practice Problems ● Riddle Worksheets from textbook for practice
● Day 9: Understanding Multiplication of Decimals	● **MA.6.NS.B.3**	● Warm-U: Subtraction Problems ● Notes on Lesson 4: Multiplying Decimals ● Whiteboard practice questions ● Practice Problems Page 23 Textbook
● Day 10: Review Lessons 3 and 4	● **MA.6.NS.B.3**	● Warm-Up: Practice Questions from each section ● Whiteboard Races to Review
● Day 11: Assessment Lessons 3 and 4	● **MA.6.NS.B.3**	● Quiz on Lessons 3 and 4
● Day 12: Understand Dividing Decimals	● **MA.6.NS.B.3**	● Warm-Up: Standard Division Questions ● Notes on Lesson 5: Dividing Decimals ● Decimal Division Textbook Practice Page
● Day 13: Understand Dividing Decimals	● **MA.6.NS.B.3**	● Warm-Up: Decimal Division Question ● Finish Notes on Lesson 5: Dividing Decimals ● Practice Textbook Worksheet Problems
● Day 14: Understand Dividing Decimals	● **MA.6.NS.B.3**	● Warm-Up: Decimal Division Practice Problems ● Dividing Decimals Pixel Art Assignment
● Day 15: Understand Operations with Decimals in Real World Problems	● **MA.6.NS.B.3**	● Warm-Up: Decimal Operation Questions ● Notes on Lesson 6: Decimal Applications ● Word Problem Task Cards

● Day 16: Understand Operations with Decimals in Real World Problems	● **MA.6.NS.B.3**	● Warm-Up: Word Problem Questions ● Quizizz Review Game ● Study with remaining time
● Day 17: Assessment Lessons 5 and 6	● **MA.6.NS.B.3**	● Quiz on Lessons 5 and 6
● Day 18: Unit Review Day 1	● **MA.6.NS.B.3** ● **MA.6.NS.B.2**	● Warm Up- Lesson 1 - 3 Questions ● Unit Review Task Cards
● Day 19: Unit Review Day 2	● **MA.6.NS.B.3** ● **MA.6.NS.B.2**	● Warm Up- Lesson 4-6 Questions ● Unit Review Task Whiteboard Races
● Day 20-21: Operations with whole numbers and decimals assessment	● **MA.6.NS.B.3** ● **MA.6.NS.B.2**	● Unit Exam on operations with whole numbers and decimals

Inclusive concepts
● Explain any character education effort where you are encouraging inclusivity and culture competency.

Unit Learning Goals
● Students will be able to find and use Greatest Common Factor and Least Common Multiple ● Students will be able to accurately use operations with fractions and mixed numbers ● Students will be able to find and locate integers on a number line or graph ● Students will be able to make statements comparing integers ● Students will be able to solve real-world problems using integers

Core Instructional Materials	**Supplemental Materials**
●Teacher Created Textbook	● Online Math Dictionary ● Math Antics Videos

Daily Targets	**NJSLS Performance Expectations**	**Instructional Activities**
● Day 1: Introduce Operations with Whole Numbers and Fractions	● **MA.6.NS.A**	● Watch Video on Introduction to Fractions ● Setup Textbook

		● Complete Unit 2 Vocabulary using an online math dictionary
● Day 2: Understanding GCF and LCM	● **MA.6.NS.B.4**-	● Warm-Up: Find the factors of numbers ● Guided Notes on Lesson 1: Finding GCF and LCM ● GCF and LCM Practice Workbook Page
● Day 3: Understanding GCF and LCM	● **MA.6.NS.B.4**	● Warm-Up: Find the GCF and LCM ● GCF and LCM Scavenger Hunt Activity
● Day 4: Understanding GCF and LCM	● **MA.6.NS.B.4**	● Warm-Up: Find the GCF and LCM ● Finish GCF and LCM Scavenger Hunt Activity ● GCF and LCM Riddle Worksheet
● Day 5: Understanding Equivalent Fractions	● **MA.6.NS.A.1**	● Warm-Up: Find the GCF and LCM ● Notes on Lesson 2 Equivalent Fractions ● Riddle on Equivalent Fractions
● Day 6: Understand Adding and Subtracting Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Find two equivalent fractions ● Notes on Lesson 3 Adding and Subtracting Mixed Numbers
● Day 7: Understand Adding and Subtracting Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Simplify the expression with mixed numbers ● Adding and Subtracting Dice Activity in Textbook ● Subtraction Worksheet in Textbook
● Day 8: Understand Adding and Subtracting Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Subtraction of Mixed Numbers ● Adding and Subtracting Mixed Numbers mystery drawing activity
● Day 9: Review equivalent fractions and operation with mixed numbers	● **MA.6.NS.A.1**	● Warm-Up: Questions on equivalent fractions and mixed number operations ● Quizizz Lessons Review ● Study Textbook
● Day 10: Review equivalent fractions and operation with mixed numbers	● **MA.6.NS.A.1**	● Quiz on Lessons 1-3
● Day 11: Understanding Multiplication of Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Multiply decimals ● Notes on Lesson 4 Multiplying Fractions and MIxed Numbers

		● Word Problem Examples
● Day 12: Understanding Multiplication of Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Multiplying Fractions and Mixed Numbers ● Whiteboard Word Problem Practice ● Textbook Riddles Page 30-31
● Day 13: Understanding Division of Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Multiplication of Mixed Numbers ● Flocabulary Video for Dividing Fractions ● Notes on Lesson 5 Dividing Fractions ● Dividing Fractions Practice Worksheet
● Day 14: Understanding Division of Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Dividing Fractions Practice ● Graphic Organizer on Multiplying and Dividing Mixed Numbers ● Dividing Fractions Partner Worksheet
● Day 15: Reviewing Multiplication and Division of Mixed Numbers	● **MA.6.NS.A.1**	● Warm-Up: Multiplication and Division question ● Quizizz Review for Lessons 4-5
● Day 16: Assessment of Multiplication and Division of Mixed Numbers	● **MA.6.NS.A.1**	● Quiz on Lessons 4-5
● Day 17: Understanding and Utilizing Integers	● **MA.6.NS.C.6a** ● **MA.6.NS.C.6c**	● Warm-Up: Video on Integers ● Guided Notes on Lesson 6: Integers ● Practice Graphing Pages
● Day 18: Understanding Comparing and Ordering Integers	● **MA.6.NS.C.7a** ● **MA.6.NS.C.7b**	● Warm-Up: Graphing Integers ● Guided Practice Graphing and Ordering Integers ● Independent Practice textbook worksheet
● Day 19: Understanding Absolute Value	● **MA.6.NS.C.7c** ● **MA.6.NS.C.7d**	● Warm-Up: Ordering Numbers Example ● Guided Notes on Lesson 7: Absolute Value
● Day 20: Understanding Integers in the Coordinate Plane	● **MA.6.NS.C.8** ● **MA.6.NS.C.6b**	● Warm-Up: Simplify Absolute Value ● Guided Notes on Lesson 7 Graphing Integers ● Graphing Integers Practice Worksheet
● Day 21: Understanding Integers in the Coordinate Plane	● **MA.6.NS.C.8** ● **MA.6.NS.C.6b**	● Warm-Up: Graphing Integers Practice ● Graphing Integers Pixel Art Activity
● Day 22: Review Lessons 5-7	● **MA.6.NS.C.6a**	● Warm-Up: Integer, graphing, ordering, and comparing practice

	● **MA.6.NS.C.8**	● Quizizz Review on Lessons 5-7 ● Study Textbook
● Day 23: Assessment Lessons 5-7	● **MA.6.NS.C.6a** ● **MA.6.NS.C.8**	● Lesson Assessment on Lessons 5-7
● Day 24-25: Review Unit	● **MA.6.NS.A.1** ● **MA.6.NS.C.6a** ● **MA.6.NS.C.7a** ● **MA.6.NS.C.8**	● Warm-Up: Questions on all lessons 1-7 ● Task Card Review Questions for all Lessons ● Whiteboard Races for Lessons 1-7 ● Study Guide Lesson 1-7
● Day 26-27:Unit 2 Assessment	● **MA.6.NS.A.1** ● **MA.6.NS.C.6a** ● **MA.6.NS.C.7a** ● **MA.6.NS.C.8**	● Unit 2 Exam

Inclusive concepts
● Explain any character education effort where you are encouraging inclusivity and culture competency.

Unit Learning Goals
● **Students will be able to solve proportional relationships** ● **Students will be able to simplify, identify and utilize ratios and rates** ● **Students will be able to convert between fractions, decimals, and percents** ● **Students will be able to use percents in real-world problems**

Core Instructional Materials	**Supplemental Materials**
● Textbook	● Online Math Dictionary ● Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Ratios, Rates and Unit Rates	● **MA.6.RP.A**	● Introduction Video on Ratios and Rates ● Unit 3 Vocabulary using an Online Dictionary
● Day 2: Understand Ratios and Rates	● **MA.6.RP.A.1**	● Warm-Up: Counting each item to show ratios ● Guided Notes on Lesson 1: Ratios ● Ratio Riddle in Textbook
● Day 3: Understand Tape Diagrams and Unit Rates	● **MA.6.RP.A.2** ● **MA.6.RP.A.3**	● Warm-Up: Practice Writing Ratios ● Guided Notes on Lesson 2: Tape Diagrams and Unit Rates ● Tape Diagram Practice Worksheet
● Day 4: Understand Tape Diagrams and Unit Rates	● **MA.6.RP.A.3b** ● **MA.6.RP.A.3a**	● Warm-Up: Find the Unit Rate ● Finish Guided Notes on Lesson 2 ● Complete Workbook Page on Unit Rate
● Day 5: Understand Tape Diagrams and Unit Rates	● **MA.6.RP.A.3b**	● Warm-Up: Unit Rate Question ● Unit Rate Activity Online, find the better deal
● Day 6: Understand Proportions and Proportional Relationships	● **MA.6.RP.A.2**	● Warm-Up: Write Ratio and Unit Rate ● Guided Notes on Lesson 3 Proportions ● Proportions Practice Worksheet
● Day 7: Understand Proportions and Proportional Relationships	● **MA.6.RP.A.3a**	● Warm-Up: Solve the proportions ● Finish Notes on Proportions ● Solve Word Problems Using Proportions
● Day 8: Understand Proportions and Proportional Relationships	● **MA.6.RP.A.3b**	● Warm-Up: Solve the proportional word problems ● Complete worksheet on word problems independently
● Day 9: Understand Proportions and Proportional Relationships	● **MA.6.RP.A.3b**	● Warm-Up: Solve scale factor questions ● Proportions word problem pixel art assignment
● Day 10: Understand Scale Drawings and Proportional Relationships	● **MA.6.RP.A.3b**	● Warm-Up: Proportional Word Problems ● Guided Notes on Solving Scale Factor problems using proportions ● Independent Practice worksheet on scale

		factor
● Day 11: Assessment Rates, Unit Rates, and Proportional Relationships	● **MA.6.RP.A.1** ● **MA.6.RP.A.2** ● **MA.6.RP.A.3**	● Quiz on lessons 1 and 2
● Day 12: Understand Converting Measurements	● **MA.6.RP.A.3d**	● Warm-Up: Proportional Word Problems ● Guided Notes on Lesson 3 Converting Measurements ● Guided Practice on Converting Measurement Examples
● Day 13: Understand Converting Measurements	● **MA.6.RP.A.3d**	● Warm-Up: Converting Measurements (2 questions) ● Converting Measurements around the room questions ● Finish Activity at home
● Day 14: Understand Converting Measurements	● **MA.6.RP.A.3d**	● Warm-Up: Convert the measurements ● Quizzizz Review Game ● Study
● Day 15: Assessment On Converting Measurements	● **MA.6.RP.A.3d**	● Quiz on Lesson 3 Converting Measurements
● Day 16: Understanding Percents	● **MA.6.RP.A.3c**	● Introduction to Percents Video ● Guided Notes on Lesson 4 Percents ● Percent of a Number Maze
● Day 17: Understanding Percents	● **MA.6.RP.A.3c**	● Warm-Up: Percent of a number questions ● Guided Practice worksheet on percents ● Independent Practice on Percents
● Day 18: Understanding Discount, Tax and Tip	● **MA.6.RP.A.3c**	● Warm-Up: Solve percent questions ● Finish Notes on Lesson 4 ● Word Problems on Discount Tax and Tip
● Day 19: Understanding Discount, Tax and Tip	● **MA.6.RP.A.3c**	● Warm-Up: Bill at the restaurant question ● Activity on Discount ● Tax and Tip Worksheet
● Day 20: Converting between fractions, decimals, and percents	● **MA.6.RP.A.3c**	● Word Problems on Percents ● Guided Notes on Lesson 5: Converting between, fractions, decimals, and percents ● Independent Practice worksheet

● Day 21: Converting between fractions, decimals, and percents	● **MA.6.RP.A.3c**	● Warm-Up: Converting between fractions, decimals, and percents questions ● Riddles in Textbook on converting
● Day 22: Review Converting between fractions, decimals, and percents	● **MA.6.RP.A.3c** ● **MA.6.NS.C.7b**	● Warm-Up: Ordering Fractions, decimals and percents question ● Quizizz Review Game to Study ● Study
● Day 23: Assessment on percent word problems, and converting between fractions, decimal and percents	● **MA.6.RP.A.3c** ● **MA.6.NS.C.7b**	● Quiz on Percent Word problems and Fractions, Decimals, and Percents
● Days 24-25: Review for Unit Assessment	● **MA.6.RP.A.1** ● **MA.6.RP.A.2** ● **MA.6.RP.A.3**	● Warm-Up: Review from each lesson ● What will be on the test, study guide ● Play Review Game to review for Unit Assessment
● Days 26-27: Unit 3 Assessment	● **MA.6.RP.A.1** ● **MA.6.RP.A.2** ● **MA.6.RP.A.3**	● Unit 3 Assessment

Unit Learning Goals
● **Students will be able to complete problems involving exponents and the Order of Operations** ● **Students will be able to recognize properties on numbers** ● **Students will be able to write and evaluate expressions involving variables**

Core Instructional Materials	Supplemental Materials
● Textbook	● Online Math Dictionary ● Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Algebra and Expressions	● **MA.6.EE.A.1**	● Introduction Video on Expressions ● Unit 4 Vocabulary using an Online

		Dictionary
● Day 2: Understand exponents and Order of Operations	● **MA.6.EE.A.1**	● Warm-Up: Recognize the parts of an exponent ● Guided Notes on Lesson 1 Exponents and Order of Operations ● Exponent Practice Worksheet
● Day 3: Understand exponents and Order of Operations	● **MA.6.EE.A.1**	● Warm-Up: Exponent Expressions to simplify ● Finish Guided Notes on Lesson 1 ● Complete Order of Operations questions
● Day 4: Practice simplifying using the order of operations	● **MA.6.EE.A.1**	● Warm-Up: Order of Operation Questions ● Order of Operations Pixel Art Activity
● Day 5: Identify and apply properties	● **MA.6.EE.A.3**	● Warm-Up: Percent Review Questions ● Guided Notes on the Properties of Math ● Properties Practice Worksheet
● Day 6: Identify and apply properties	● **MA.6.EE.A.3** ● **MA.6.EE.A.4**	● Warm-Up: Identify the Property ● Finish Guided Notes on Properties ● Complete Properties Math Card Sort
● Day 7: Understand the Distributive Property	● **MA.6.EE.A.3** ● **MA.6.EE.A.4**	● Warm-Up: Name the properties questions ● Guided Notes on Lesson 3: The Distributive Property ● Distributive Property Worksheet
● Day 8: Review exponents, order of operations and properties for quiz	● **MA.6.EE.A.1** ● **MA.6.EE.A.3** ● **MA.6.EE.A.4**	● Warm-Up: Question from lessons 1,2, and 3 ● Quizizz Review ● Study
● Day 9: Assessment for exponents, order of operations and properties for quiz	● **MA.6.EE.A.1** ● **MA.6.EE.A.3** ● **MA.6.EE.A.4**	● Quiz on lessons 1-3
● Day 10: Understanding Writing Algebraic Expressions	● **MA.6.EE.A.2a** ● **MA.6.EE.A.2b**	● Warm-Up: Ratio and Proportion Questions ● Guided Notes on Lesson 4: Writing Algebraic Expressions ● Hidden Message Activity
● Day 11: Understanding Writing Algebraic Expressions	● **MA.6.EE.A.2a** ● **MA.6.EE.A.2b**	● Warm-Up: Write the expressions ● Expressions Scavenger Hunt ● Expressions Riddle

• Day 12: Understand evaluating expressions	• **MA.6.EE.A.2c**	• Warm-Up: Writing expressions from word problems • Guided Notes on Lesson 5: Evaluating Expressions • Evaluating Expressions Error Analysis Page
• Day 13: Understand evaluating expressions	• **MA.6.EE.A.2c**	• Warm-Up: Evaluate Algebraic Expressions • Evaluating Expressions Riddles
• Day 14: Review writing and evaluating algebraic expressions	• **MA.6.EE.A.2a** • **MA.6.EE.A.2b** • **MA.6.EE.A.2c**	• Warm-Up: Questions from each lesson • Review what will be on the quiz • Quizizz Review • Study
• Day 15: Assessment on writing and evaluating algebraic expressions	• **MA.6.EE.A.2a** • **MA.6.EE.A.2b** • **MA.6.EE.A.2c**	• Quiz on Lessons 4-5
• Day 16-17: Review for Unit Assessment on expressions	• **MA.6.EE.A.1** • **MA.6.EE.A.2**	• Warm-Up: Questions from across the chapter • Review Study Guide on Expressions • Play Whiteboard Races Review Game
• Day 18-19: Expressions Unit 4 Assessment	• **MA.6.EE.A.1** • **MA.6.EE.A.2**	• Unit 4 Exam on numerical and algebraic expressions

Unit Learning Goals
• **Students will be able to write and solve one step equations** • **Students will be able to solve and graph one step inequalities** • **Students will be able to write and graph inequalities in the form x< y**

Core Instructional Materials	Supplemental Materials
• Textbook	• Online Math Dictionary • Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Algebra and Expressions	● **MA.6.EE.B.5** ● **MA.6.EE.B.6**	● Introduction Video on Expressions ● Unit 4 Vocabulary using an Online Dictionary
● Day 2: Understand, what is an equation?	● **MA.6.EE.B.5** ● **MA.6.EE.B.6**	● Warm-Up: simplify using order of operations ● Guided Notes on Lesson 1 Equations ● Worksheet on equation or inequality?
● Day 3: Understand Dependent VS independent variables	● **MA.6.EE.C.9**	● Warm-Up: Recognize equations ● Finish Guided Lesson 1 on Independent and Dependent Variables ● Worksheet on Dependent vs Independent Variables
● Day 4: Understand Writing Algebraic Equations	● **MA.6.EE.C.9** ● **MA.6.EE.B.7**	● Warm-Up: Name dependent and independent variable ● Guided Notes on Lesson 2 Writing Equations ● Writing equations practice worksheet
● Day 5: Understand Writing Algebraic Equations	● **MA.6.EE.C.9** ● **MA.6.EE.B.7**	● Warm-Up: Write the equation given verbally ● Practice writing rule from a table ● Writing Equations Worksheet
● Day 6: Understand Solving One Step Equations	● **MA.6.EE.B.7**	● Warm-Up: Write the equation ● Guided Notes on Lesson 3 Solving Equations ● Solving Equations Worksheet
● Day 7: Understand Solving One Step Equations	● **MA.6.EE.B.7**	● Warm-Up: Solve the one step equations ● Finish Guided Notes on Lesson 3 ● Color by Answer Activity on Solving Equations
● Day 8: Understand Solving One Step Equations	● **MA.6.EE.B.7**	● Warm-Up: Solve the one step equations ● One Step Equation scavenger hunt ● One Step Equations Riddle if time
● Day 9: Reviewing Equations and Variables	● **MA.6.EE.C.9** ● **MA.6.EE.B.7**	● Warm-Up: Questions from each lesson ● Review what will be on the quiz ● Quizizz Review Game

		● Study
● Day 10: Assessing Equations and Variables	● **MA.6.EE.C.9** ● **MA.6.EE.B.7**	● Quiz on Lessons 1-3
● Day 11: Understanding and Graphing Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Proportion Review Questions ● Guided Notes on Graphing Inequalities ● Inequalities Graphing Practice Worksheet
● Day 12: Understanding and Graphing Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Graph the given inequalities ● Graphing Inequalities Color by Solution ● Graphing Inequalities Riddle
● Day 13: Understanding and Graphing Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Write and Graph the given inequalities ● Guided Notes on Lesson 5 Writing Inequalities ● Writing Inequalities Practice
● Day 14: Understanding and Solving Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Write and Graph the Inequalities ● Guided Notes on lesson 6 Solving One Step Inequalities ● Solving Inequalities Practice Worksheet
● Day 15: Understanding and Solving Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Solve and Graph the inequalities ● Solving Inequalities Pixel Art
● Day 16: Reviewing Solving, Writing, and Graphing Inequalities	● **MA.6.EE.B.8**	● Warm-Up: Write 2 and solve 2 inequalities ● Quizizz Review ● Task Cards on inequalities
● Day 17: Assessing Solving, Writing, and Graphing Inequalities	● **MA.6.EE.B.8**	● Quiz on Lessons 4-5
● Days 18-19: Reviewing Unit 5	● **MA.6.EE.C.9** ● **MA.6.EE.B.8** ● **MA.6.EE.B.7**	● Warm-Up: Equations and Inequalities to solve ● Create a Study Guide for Unit 5 ● Unit 5 Board Race Review Game
● Days 20-21: Assessung Unit 5	● **MA.6.EE.C.9** ● **MA.6.EE.B.8** ● **MA.6.EE.B.7**	● Complete Unit 5 Assessment

Unit Learning Goals
● **Students will be able to find area of two dimensional shapes** ● **Students will be able to find perimeter and area on the coordinate plane** ● **Students will be able to find surface area using a net** ● **Students will be able to find Volume of a rectangular prism**

Core Instructional Materials	Supplemental Materials
● Textbook	● Online Math Dictionary ● Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Geomtery	● **MA.6.EE.B.5** ● **MA.6.EE.B.6**	● Introduction Video on area and volume ● Unit 4 Vocabulary using an Online Dictionary
● Day 2: Understand Area of Rectangles and Triangles	● **MA.6.G.A.1**	● Warm-Up: Multiplying Decimals and Fractions ● Guided Notes on Lesson 1: Area of Rectangles and Triangles ● Practice Worksheet Pages 5-6
● Day 3: Understand Area of Rectangles and Triangles	● **MA.6.G.A.1**	● Warm-Up: Find Area of Rectangle and Triangle ● Review Pages 5-6 ● Practice Page 7: Riddle on Triangles
● Day 4: Understand Area of Parallelograms and Trapezoids	● **MA.6.G.A.1**	● Warm-Up:Find the area of the square and the triangle ● Guided Notes on Lesson 2: Area of Triangles and Trapezoids ● Practice Area Pages 10 and 11 (One page parallelograms, one page trapezoids)
● Day 5: Understanding Area of Quadrilaterals	● **MA.6.G.A.1**	● Warm-Up: Find the area of a parallelogram and a trapezoid ● Review Pages 9-10 ● Complete area of quadrilaterals color by

		solution
● Day 6: Understanding Area of Special Shapes	● **MA.6.G.A.1**	● Warm-Up: Area of Trapezoid and Parallelogram ● Notes on Less 3: Area of Special Shapes also known as composite figures
● Day 7: Understanding Area of Special Shapes	● **MA.6.G.A.1**	● Warm-Up: Find the area of the composite figure ● Finish Notes on Lesson 3 ● Complete area solve and color of special shapes
● Day 8: Finding Area on the Coordinate Plane	● **MA.6.G.A.3**	● Warm-Up: Find the area of the shaded region ● Review Page 18 together ● Notes on Lesson 4: Area in the coordinate plane ● Practice Area worksheet page 22
● Day 9: Reviewing Area of quadrilaterals, and area on the coordinate plane	● **MA.6.G.A.3** ● **MA.6.G.A.1**	● Warm-Up: Find the area of the shapes on the graph ● Review what will be on the quiz ● Quizizz Review on Area
● Day 10: Assessment Area of quadrilaterals, and area on the coordinate plane	● **MA.6.G.A.3** ● **MA.6.G.A.1**	● Quiz on Lessons 1-4
● Day 11: Understanding how to find surface area using a net	● **MA.6.G.A.4**	● Warm-Up: Review Quizzes ● Guided Lesson on Lesson 5: Nets
● Day 12: Understanding how to find surface area using a net	● **MA.6.G.A.4**	● Warm-Up: Draw the net for various shapes ● Guided Lesson on Lesson 6: Surface Area using nets ● Surface Area practice worksheet page 34
● Day 13: Understanding Volume of Rectangular Prisms	● **MA.6.G.A.2**	● Warm-Up: Find the Surface Area of the Rectangular Prism ● Guided Notes on Lesson 7: Volume ● Volume Color by Answer Worksheet
● Day 14: Understanding Volume of Rectangular Prisms	● **MA.6.G.A.2**	● Warm-Up: Find the volume or the rectangular prism ● Review Color by Answer Worksheet ● Find the Volume of the rectangular prism

		digital math activity
● Day 15: Reviewing Surface Area and Volume	● **MA.6.G.A.2** ● **MA.6.G.A.4**	● Warm-Up: Find the surface area and volume of the rectangular prism ● Review what will be on the quiz ● Quizizz of Surface Area and Volume
● Day 16: Assessing Surface Area and Volume	● **MA.6.G.A.2** ● **MA.6.G.A.4**	● Quiz on Lessons 5-7
● Day 17-18: Review for Unit 6 Assessment	● **MA.6.G.A.2** ● **MA.6.G.A.4** ● **MA.6.G.A.3** ● **MA.6.G.A.1**	● Warm-Up: Question from each lesson ● What will be on the test? Create a Study Guide ● Play Board Races game to review for Unit 6 Test
● Day 19-20 Assessing Unit 6	● **MA.6.G.A.2** ● **MA.6.G.A.4** ● **MA.6.G.A.3** ● **MA.6.G.A.1**	● Complete Unit 6 Assessment

Unit Learning Goals
● **Students will be able to find measurements of center and variation** ● **Students will be able to graph data using line plots, box plots, stem and leaf plots, and histograms** ● **Students will be able to recognize and understand a statistical question**

Core Instructional Materials	Supplemental Materials
● Textbook	● Online Math Dictionary ● Math Antics Videos

Daily Targets	NJSLS Performance Expectations	Instructional Activities
● Day 1: Introduce Statistics	● **MA.6.SP.B.5a** ● **MA.6.SP.B.5b**	● Introduction Video on Statistics ● Notes on Observations ● Discus Observation Bias

● Day 2: Understanding Measures of Center	● **MA.6.SP.B.5c**	● Warm-Up: Take a poll of the classroom ● Notes on Lesson 1 Measures of Center ● Fill out Graphic Organizer ● Measures of Center Practice
● Day 3: Understanding Measures of Center	● **MA.6.SP.B.5c**	● Warm-Up: Mean, Median, Mode ● Mean, Median and Mode Pixel Art activity
● Day 4: Understanding Measures of Center	● **MA.6.SP.A.3**	● Warm-Up: Mean, Median Mode Questions ● Finish Lesson 1 ● Practice Mean Absolute Deviation
● Day 5: Understanding Measures of Center	● **MA.6.SP.A.2** ● **MA.6.SP.B.5c**	● Warm-Up: Mean Absolute Deviation Question ● Mean Absolute Deviation Guided Practice
● Day 6: Understanding Data Representations	● **MA.6.SP.B.5d**	● Warm-Up: Check HW together ● Notes on Lesson 2 Stem and Leaf Plots ● Guided Practice on Stem and Leaf Plots
● Day 7: Understanding Data Representations	● **MA.6.SP.B.5d** ● **MA.6.SP.B.4**	● Warm-Up: Draw Stem and Leaf Plot ● Finish Notes on Lesson 2 Line Plots ● Guided Practice on Line Plots
● Day 8: Review Measures of Center and Data Representations	● **MA.6.SP.B.5a** ● **MA.6.SP.B.5b** ● **MA.6.SP.B.5c** ● **MA.6.SP.B.5d**	● Warm-Up: Find Mean, Median, Mode and Range ● Quizizz Review on Lessons 1 and 2 ● Study with remaining time
● Day 9: Assessing Data Representations	● **MA.6.SP.B.5a** ● **MA.6.SP.B.5b** ● **MA.6.SP.B.5c** ● **MA.6.SP.B.5d**	● Quiz on Lessons 1-2
● Day 10: Understanding Frequency Tables	● **MA.6.SP.B.5a**	● Warm-Up: Take a poll to create frequency table ● Notes on Lesson 3 Frequency tables ● Independent Practice Worksheet on Frequency Tables
● Day 11: Understanding Box and Whisker Plots	● **MA.6.SP.B.4**	● Warm-Up: Create a frequency table, turn into line plot ● Guided Notes on lesson 4 Box and Whisker Plots

● Day 12: Understanding Box and Whisker Plots	● **MA.6.SP.B.4**	● Warm-Up: Find all parts of box and Whisker Plot ● Draw Plot Together ● Box and Whisker Plot Practice Worksheet
● Day 13: Reviewing Frequency Tables and Box and Whisker Plots	● **MA.6.SP.B.4** ● **MA.6.SP.B.5a**	● Warm-Up: Frequency Table to Display Data, then turn data into a box and whisker plot ● Quizizz Review on Frequency tables and box and whisker plots ● Study with remaining time
● Day 14: Assessing Frequency Tables and Box and Whisker Plots	● **MA.6.SP.B.4** ● **MA.6.SP.B.5a**	● Quiz on Lessons 3 and 4
● Days 15-16 Reviewing Unit 7	● **See Days 1-14**	● Jeopardy Review Game on all Unit 7 Materials ● Hand out and Review Unit 7 Study Guide
● Days 17-18 Assessing Unit 7	● **See Days 1-14**	● Unit 7 Assessment