__Math___ Curriculum Map

_6__ Grade

Trimester One Aug-Oct. Strategies/Skills covered	Key Standards	Assessments	Suggested Materials
6.NS.A 6.NS.B Use Positive Rational Numbers Topic 1: Lessons 1-7 MP: 1,2,3,4,5,6,7,8	-Fluently Add, Subtract, and Multiply Decimals 6.NS.B.3 -Fluently Divide Whole Numbers and Decimals 6.NS.B.2, 6.NS.B.3 -Multiply Fractions 6.NS.A.1 -Understand Division with Fractions 6.NS.B.3 -Divide Fractions by Fractions 6.NS.A.1 - Divide Mixed numbers 6.NS.A.1 -Solve Problems with Rational Numbers 6.NS.A.1	-Mathematical Modeling: Stocking Up -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint -Topic Assessment	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils
6.NS.C Integers and Rational Numbers Topic 2: Lessons 1-6 MP: 1,2,3,4,6,7,8	-Understand Integers 6.NS.C.5, 6.NS.C.6a, 6.NS.C.6c -Represent Rational Numbers on the Number Line 6.NS.C.6c, 6.NS.C.7a, 6.NS.C.7b -Absolute Values of Rational Numbers 6.NS.C.7c, 6.NS.C.7d -Represent Rational Numbers on the Coordinate Plane 6.NS.C.6b, 6.NS.C.6c -Find Distances on the Coordinate Plane 6.NS.C.8 -Represent Polygons on the Coordinate Plane 6.NS.C.8, 6.G.A.3	-Mathematical Modeling: The Ultimate Throw -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint -Topic Assessment	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils Graph paper

Trimester Two Oct.-Feb. Strategies/Skills covered	Key Standards	Assessments	Suggested Materials
6.EE.A Numeric and Algebraic Expressions Topic 3: Lessons 1-7 MP: 1,2,3,4,6,7,8	-Understand and Represent Exponents 6.EE.A.1 -Find Greatest Common Factor and Least Common Multiple 6.EE.B.4 -Write and Evaluate Numerical Expressions 6.EE.A.A, 6.EE.A.3 -Write Algebraic Expressions 6.EE.A.2a, 6.EE.A.2b, 6.EE.A.6 -Evaluate Algebraic Expressions 6.EE.A.2c, 6.EE.B.6 -Generate Equivalent Expressions 6.EE.A.3, 6.EE.A.4 -Simplify Algebraic Expressions 6.EE.A.3, 6.EE.A.4	-Mathematical Modeling: The Field Trip -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint -Topic Assessment	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils
6.EE.B 6.EE.C Represent and Solve Equations and Inequalities Topic 4: Lessons 1-10 MP: 1,2,3,4,5,6,7,8	-Understand Equations and Solutions 6.EE.B.5 -Apply Properties of Equality6.EE.B.7, 6.EE.A.4 -Write and Solve Addition and Subtraction Equations 6.EE.B.7, 6.EE.B.6 -Write and Solve Multiplication and Division Equations 6.EE.B.7. 6.EE.B.6 -Write and Solve Equations with Rational Numbers 6.EE.B.7. 6.EE.B.6 -Understand and Write Inequalities 6.EE.B.8, 6.EE.B.5 -Solve Inequalities 6.EE.B.8, 6.EE.B.5 -Understand Dependent and Independent Variables 6.EE.C.9 -Use Pattern to Write and Solve Equations 6.EE.C.9 -Relate Tables, Graphs, and Equations 6.EE.C.9	-Mathematical Modeling: Checking a Bag -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint -Topic Assessment	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils

Trimester Three Mar-Jun Strategies/Skills covered	Key Standards	Assessments	Suggested Materials
6.RP.A Understand and Use Ratio and Rate Topic 5: Lessons 1-10 MP: 1,2,3,4,5,6,7,8	-Understand Ratios 6.RP.A.1, 6.RP.A.3 -Generate Equivalent Ratios 6.RP.A.3a -Compare Ratios 6.RP.A.3a -Represent and Graph Ratios 6.RP.A.3a -Understand Rates and Unit Rates 6.RP.A.2, 6.RP.A.3a, 6.RP.A3b -Solve Unit Rate Problems 6.RP.A.3b -Ratio Reasoning: Convert Customary Units 6.RP.A.3d -Ratio Reasoning: Convert Metric Units 6.RP.A.3d -Relate Customary and Metric Units 6.RP.A.3d	-Mathematical Modeling: Get in Line -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint -Topic Assessment - Better Buy drag and drop Taco Tuesday activity	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils
6.RP.A Understand and Use Percent Topic 6: Lessons 1-6 MP: 1,2,3,4,5,6,7,8	-Understand Percent 6.RP.A.3c -Relate Fractions, Decimals, and Percents 6.RP.A.3c -Represent Percents greater than 100 and less than 1 6.RP.A.3c -Estimate and Find Percent6.RP.A.3c -Find the Percent of a Number 6.RP.A.3c -Find the Whole Given a Part and the Percent 6.RP.A.3c	-Mathematical Modeling: Ace the Test -Pre-Topic Assessment -Additional Practice Book -Math XL: pearsonrealize.com -Lesson Quizzes -Mid-Topic checkpoint and Performance Task -Topic Assessment	Math Book Additional Practice Book iPads/Computer Pearson realize online component Notebook for notes Pencils