



Cliffside Park Public Schools
Pacing Guide

Content Area: Middle School Mathematics
Grade 6 through Grade 8

Grade Level	Unit (Name of Unit)	Approximate Weeks of Instruction
Grade 6	Topic 1: Use Positive Rational Numbers	September (Topic 1: 1 month)
Grade 6	Topic 2: Integers and Rational Numbers	October (Topic 2: 1 month)
Grade 6	Topic 3: Numeric and Algebraic Expressions	November (Topic 3: 1 month)
Grade 6	Topic 4: Represent and Solve Equations and Inequalities	December (Topic 4: 5-6 weeks)
Grade 6	Topic 5: Understand and Use Ratio and Rate	January/February (Topic 5: 3-4 weeks)
Grade 6	Topic 6: Understand and Use Percent	February (Topic 6: 2-3 weeks)
Grade 6	Topic 7: Solve Area, Surface Area, and Volume Problems	March/April (Topic 7: 5 weeks)
Grade 6	Topic 8: Display, Describe, and Summarize Data	May/June (Topic 8: 6 weeks)
Grade Level	Unit (Name of Unit)	Approximate Weeks of Instruction
Grade 7	Unit 1 Operations on Rational Numbers and Expressions Topic 1: Integers and Rational Numbers (7 weeks) Topic 4: Generate Equivalent Expressions (4 weeks)	11 weeks



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Grade 7	Unit 2 Equations, Ratios, Proportions and Percent Problems Topic 5: Solving Problems using Equations and Inequalities (3 weeks) Topic 2: Analyze and Use Proportional Relationships (3.5 Weeks) Topic 3: Analyze and Solve Percent Problems (3.5 Weeks)	10 weeks
Grade 7	Unit 3 Drawing inferences about population and probability models Topic 6: Use Sampling to Draw Inferences About Populations (3 weeks) Topic 7: Probability (4 weeks)	7 weeks
Grade 7	Unit 4 Problem Solving with Geometry Topic 8: Solving Problems Involving Geometry (5 weeks) NJSLAM Review and test (4 weeks) Final Project (2 weeks)	11 weeks
Grade Level	Unit (Name of Unit)	Approximate Weeks of Instruction
Grade 8	Unit 1 Real Numbers and Linear Equations Topic 1: Real Numbers (7 weeks) Topic 2: Analyze and Solve Linear Equations (4 weeks)	11 Weeks
Grade 8	Unit 2 Using Functions to Model Relationships and Investigating BiVariate Data Topic 3: Use Functions to Model Relationships (4 weeks) Topic 4: Investigate Bivariate Data (4 weeks)	8 weeks



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Grade 8	Unit 3 Systems of Linear Equations and Congruence and Similarity Topic 5: Analyzing and Solving Systems of Linear Equations (2.5 weeks) Topic 6: Congruence and Similarity (6.5 Weeks)	9 weeks
Grade 8	Unit 4 Geometry: Pythagorean Theorem and Finding Volume and Surface Area Topic 7: Understanding and Applying the Pythagorean Theorem (2.5 weeks) Topic 8: Solving Problems Involving Surface Area and Volume (2.5 weeks) NJSLAM Review/ NJSLAM Benchmark Final Project	10 weeks