



Totowa Public Schools Unit Pacing Guide		
Math		
Grade Level	Unit	Approximate Weeks of Instruction
K	Unit 1: Number Names and Count Sequence	8 Weeks
K	Unit 2: Addition as “adding to” and Subtraction as “taking from”	8 Weeks
K	Unit 3: Compare Numbers and Shapes	6 Weeks
K	Unit 4: Foundations for Place Value	6 Weeks
K	Unit 5: Geometric Shape	8 Weeks
1	Unit 1: Add and Subtract within 20	6 Weeks
1	Unit 2: Word Problems Involving Addition and Subtraction	10 Weeks
1	Unit 3: Understand Place Value	8 Weeks
1	Unit 4: Measurement and Shapes	6 Weeks

Grade	Unit	Approximate Weeks of Instruction
1	Unit 5: Reasons with Shapes and Their Attributes	6 Weeks
2	Unit 1: Number Concepts & Numbers to 1,000	8 Weeks
2	Unit 2: Basic Facts and Number Relationships & Two-Digit Addition	8 Weeks
2	Unit 3: Two-digit Subtraction & Three Digit Addition/Subtraction	8 Weeks
2	Unit 4: Money, Time & Length in Customary Units	6 Weeks
2	Unit 5: Length in Metric Units, Data, Geometry, and Fraction Concepts	6 Weeks
3	Unit 1: Properties of Multiplication & Division	12 Weeks
3	Unit 2: Graphs & Data / Place Value	6 Weeks
3	Unit 3: Understanding Fractions	6 Weeks
3	Unit 4: Measurement & Geometry	8 Weeks
3	Unit 5: Multiplication & Division Facts & Strategies	4 Weeks
4	Unit 1: Place Value of Whole Numbers, Estimation, and Number Theory	8 Weeks
4	Unit 2: Whole Number Multiplication and Division Properties of Operations	8 Weeks
4	Unit 3: Addition, Subtraction and Multiplication of Fractions and Mixed Numbers, Introduce Decimals	8 Weeks
4	Unit 4: Solving word problems using fractions and decimal notation.	8 Weeks

Grade	Unit	Approximate Weeks of Instruction
4	Unit 5: Angles, Parallel and Perpendicular Lines, Measurement of Perimeter and Area and unit Measures	4 Weeks
5	Unit 1: Understanding the Place Value System	8 Weeks
5	Unit 2: Operations with Multi-digit Whole Numbers, Decimals, & Fractions	8 Weeks
5	Unit 3: Fraction Multiplication & Division	8 Weeks
5	Unit 4: Geometric Measures & Understanding Volume	8 Weeks
5	Unit 5: Shape and Coordinate Geometry	4 Weeks
6	Unit 1: Number Sense	8 Weeks
6	Unit 2: Ratios and Proportions	8 Weeks
6	Unit 3: Expressions	8 Weeks
6	Unit 4: Equations and Inequalities	8 Weeks
6	Unit 5: Geometry and Data/Statistics	4 Weeks
7	Unit 1: Number System	8 Weeks
7	Unit 2: Ratios and Proportions	8 Weeks
7	Unit 3: Expressions & Equations	8 Weeks
7	Unit 4: Geometry	8 Weeks

Grade	Unit	Approximate Weeks of Instruction
7	Unit 5: Statistics & Probability	4 Weeks
7 Pre- Alg	Unit 1: Number System	8 Weeks
7 Pre- Alg	Unit 2: Rations and Proportions	8 Weeks
7 Pre- Alg	Unit 3: Expressions & Equations	8 Weeks
7 Pre- Alg	Unit 4: Geometry	8 Weeks
Grade	Unit	Approximate Weeks of Instruction
7 Pre- Alg	Unit 5: Statistics & Probability	4 Weeks
8	Unit 1: Number System	8 Weeks
8	Unit 2: Proportional/Nonproportional Relationships & Functions	8 Weeks
8	Unit 3: Equations	8 Weeks
8	Unit 4: Transformational Geometry	8 Weeks
8	Unit 5: Measurement Geometry	4 Weeks
8 - Alg 1	Unit 1: Relationships Between Quantities and Reasoning with Equations	4 Weeks
8 - Alg 1	Unit 2: Linear Relationships	6 Weeks
8 - Alg 1	Unit 3: Expressions and Equations	6 Weeks

Grade	Unit	Approximate Weeks of Instruction
8 - Alg 1	Unit 4: Quadratic Functions and Modeling	12 Weeks
8 - Alg 1	Unit 5: Functions and Descriptive Statistics	4 Weeks
8 - Alg 1	Unit 6: Radicals	16 Weeks