

**New Center School  
Curriculum Map  
2006-2007**

**6-8<sup>th</sup> Math**

	<b>6<sup>th</sup> Math</b>	<b>7<sup>th</sup> Math</b>	<b>8<sup>th</sup> Math</b>	<b>Pre-Algebra</b>	<b>Algebra</b>
<b>1<sup>st</sup> Six Weeks</b>	Chapter 1: Number Patterns & Algebra Chapter 2: Statistics & Graphs	Chapter 1: Decimal Patterns & Algebra Chapter 2: Statistics	Chapter 1: Integers Chapter 2: Rational Numbers	Chapter 1: Algebraic Expressions & Integers Chapter 2: Solving 1-step equations and Inequalities	Chapter 1: Tools of Algebra Chapter 2: Solving Equations
<b>2<sup>nd</sup> Six Weeks</b>	Chapter 3: Adding and Subtracting Decimals Chapter 4: Multiplying and Dividing Decimals Chapter 5: Fractions and Decimals	Chapter 3: Integers Chapter 4: Linear Equations & Functions	Chapter 3: Real Numbers & Pythagorean Theorem Chapter 4: Proportions, Algebra, and Geometry	Chapter 3: Decimals and Equations Chapter 12: Data Analysis and Probability (1 <sup>st</sup> half of chapter) Chapter 4: Factors, Fractions, and Exponents (1 <sup>st</sup> half of chapter)	Chapter 3: Solving Inequalities Chapter 4: Solving and Applying Proportions Chapter 6: Linear Equations and their Graphs (first half)
<b>3<sup>rd</sup> Six Weeks</b>	Chapter 6: Adding and Subtracting Fractions Chapter 7: Multiplying and Dividing Fractions	Chapter 5: Fractions, Decimals and Percents (also Lesson 10-2 on Making Circle Graphs – page 418) Chapter 6: Applying Fractions	Chapter 5: Percent Chapter 6: Geometry	Chapter 4: Second half of chapter Chapter 5: Operations with Fractions Chapter 6: Ratio, Proportion, and Percents (first half)	Chapter 6: Second half of chapter Chapter 5: Graphs and Functions Chapter 7: Systems of Equations and Inequalities
<b>4<sup>th</sup> Six Weeks</b>	Chapter 10: Ratio, Proportion, and Percent Chapter 11: Probability Chapter 12: Measurement	Chapter 7: Ratios and Proportions Chapter 8: Applying Percent	Chapter 7: Geometry: Measuring Area and Volume Chapter 8: Probability	Chapter 6: Second half of chapter Chapter 7: Solving Equations and Inequalities Chapter 9: Spatial Thinking	Chapter 8: Exponents and Exponential Functions Chapter 11: Radical Expressions and Equations Chapter 9: Polynomials and Factoring (1 <sup>st</sup> half)
<b>5<sup>th</sup> Six Weeks</b>	Chapter 8: Lesson 8-1 (Integers page 294) and Lesson 8-6 (Coordinate Planes page 320) Chapter 13: Geometry: Angles & Polygons Chapter 14: Geometry: Measuring Area & Volume	Chapter 10: Geometry Chapter 11: Geometry: Measuring Two-Dimensional Figures Chapter 12: Geometry: Measuring Three-Dimensional Figures	Chapter 9: Statistics Chapter 10: Equations and Inequalities	Chapter 10: Area and Volume Chapter 11: Right Triangles and Algebra Chapter 13: Patterns and Sequences Review for TerraNova	Chapter 9: Second half Chapter 10: Quadratic Equations and Functions Chapter 12: Rational Expressions and Functions Review for Gateway
<b>6<sup>th</sup> Six Weeks</b>	Chapter 8: Integers Chapter 9: Algebra: Solving Equations Circumference	Chapter 9: Probability Line & Slope (page 182) Simple Interest (page 358) Similar Figures, Polygons & Tessellations (page 440, 501) Pythagorean Theorem (page 479)	Chapter 11: Linear Function Chapter 12: Nonlinear Function & Polynomials	Review for End of Year Test Chapter 8: Linear Functions and Graphing	Review for Gateway Take Gateway Celebrate!