



MATHEMATICS CURRICULUM MAP

GRADE 6 Intro to Algebra

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Deerfield Public Schools District 109
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Grade 6 Intro to Algebra: Year at a Glance

Resource: Big Ideas Math: Modeling Real Life - Grade 7 Accelerated (ISBN: 009781642450606)

Semester 1	Standards	Big Ideas
Review		
Rational Number Operations	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3,	Chapters 1 and 2
Expressions	7.EE.1, 7.EE.2	Chapter 3
Equations and Inequalities	7.EE.4, 7.EE.4a, 7.EE.4b, 8.EE.7, 8.EE.7a, 8.EE.7b	Chapter 4 and Additional Topics
Ratios and Proportions	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3, 7.G.1	Chapter 5
Percents	7.RP.3, 7.EE.3	Chapter 6
Graphing and Writing Linear Equations	8.EE.5, 8.EE.6, 8.F.4	Chapter 13
Semester 2	Standards	Big Ideas
Graphing and Writing Linear Equations (Continued)		
Real Numbers and the Pythagorean Theorem	8.NS.1, 8.NS.2, 8.EE.2, 8.G.6, 8.G.7, 8.G.8	Chapter 15

Geometric Shapes, Surface Area, and Volume	7.G.2, 7.G.3, 7.G.4, 7.G.5, 7.G.6, 8.G.9	Chapter 9, 10, 16
Transformations	8.G.1, 8.G.2, 8.G.3, 8.G.4	Chapter 11
Exponents and Scientific Notation	8.EE.1, 8.EE.3, 8.EE.4	Chapter 14
Probability	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c	Chapter 7
Statistics	7.SP.1, 7.SP.2, 7.SP.3, 7.SP.4	Chapter 8

Priority Standards: Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is necessary. These standards are taught in-depth to full mastery.

Supporting vs. Additional: Supporting standards (highlighted in blue) are designed to strengthen the areas of major emphasis. Connections are clear and emphasize coherence between topics. Additional standards (highlighted in yellow) do not connect as tightly as supporting standards.