## Grade 7 TEKS Companion Guide TEKS Resource System Alignment

First Semester	Second Semester
1st Six Weeks	4 <sup>th</sup> Six Weeks
Unit 1: Number and Operations	Unit 7: Circles and Composite Figures
7.2A: Classifying Rational Numbers	7.4E: Measurement Conversions
7.3A: Operations with Rational Numbers	7.5B: The Ratio of π
7.3B: Solving Problems with Rational Numbers	7.8C and <b>7.9B: Circumference and Area of Circles</b>
7.13A: Sales Tax and Income Tax	7.9C: Area of Composite Figures
7.13C: Financial Net Worth	7.30. Area of composite rigures
He't O One Verial In Franction and Harmonities	Unit 8: Volume and Surface Area
Unit 2: One-Variable Equations and Inequalities	7.8A and <b>7.9A: Volume of Rectangular Prisms and Pyramids</b>
7.10A and 7.10C: Two-Step Equations and Real World Problems	7.8B and <b>7.9A: Volume of Triangular Prisms and Pyramids</b>
7.10B and <b>7.11A: Solving Two-Step Equations</b> 7.10B and <b>7.11A: Solving Two-Step Inequalities</b>	7.9D: Surface Area of Rectangular Prisms and Pyramids
7.11B: Verifying Solutions to Two-Step Equations	7.9D: Surface Area of Triangular Prisms and Pyramids
7.11C: Angle Relationships	7.9D. Surface Alea of Thangular Flishis and Fyramius
(7.13B and) 7.13D: Personal and Family Budgets	
7.13E: Simple and Compound Interest	
7.13F: Monetary Incentives	
2 <sup>nd</sup> Six Weeks	5 <sup>th</sup> Six Weeks
Unit 3: Proportional Reasoning with Ratios and Rates	Unit 9: Data Representations
7.4A: Constant Rate of Change	7.6G: Solving Problems with Bar Graphs and Dot Plots
7.4B: Unit Rates	7.12A: Comparative Dot Plots
7.4C: Constant of Proportionality	7.12A: Comparative Box Plots
7.4D: Solving Problems with Rate and Ratios	7.12B: Random Samples and Populations
7.4D: Solving Problems with Percents	7.12C: Comparing Populations
7.4E: Measurement Conversions	7.13B (and 7.13D): Personal and Family Budgets
7.13B (and 7.13D): Personal and Family Budgets	Heit 40: Making Connections
Unit A. Cranha and Two Variable Fountions	Unit 10: Making Connections 7.3B. Solving Broklama with Bettianal Numbers
Unit 4: Graphs and Two-Variable Equations	7.3B: Solving Problems with Rational Numbers 7.4A: Constant Rate of Change
7.4A: Constant Rate of Change 7.4C: Constant of Proportionality	7.4A: Constant Rate of Change 7.4B: Unit Rates
7.7A: Representing Linear Relationships	7.4C: Constant of Proportionality
TATAL Nopiesenting Linear Netationships	7.4D: Solving Problems with Rate and Ratios
	7.4D: Solving Problems with Rate and Ratios 7.4D: Solving Problems with Percents
	7.5C: Solving Problems with Similarity
	7.7A: Representing Linear Relationships

Most recent revision: 01.15.2019

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3 <sup>rd</sup> Six Weeks	6 <sup>th</sup> Six Weeks
Unit 5: Similarity	Unit 11: Essential Understandings of Algebra
7.5A: Properties of Similar Figures	7.7A: Representing Linear Relationships
7.5C: Solving Problems with Similarity	7.10A and 7.10C: Two-Step Equations and Real World Problems
	7.10B and <b>7.11A: Solving Two-Step Equations</b>
Unit 6: Probability	7.10B and <b>7.11A: Solving Two-Step Inequalities</b>
7.6A: Sample Spaces	7.11B: Verifying Solutions to Two-Step Equations
7.6B: Simulations of Events	
7.6C and <b>7.6I: Experimental Probability</b>	Unit 12: Essential Understanding of Geometry
7.6D and <b>7.6I: Theoretical Probability</b>	(7.8A and) 7.9A: Volume of Rectangular Prisms and Pyramids
7.6E: Complementary Events	(7.8B and) 7.9A: Volume of Triangular Prisms and Pyramids
7.6F: Random Samples and Populations	(7.8C and) 7.9B: Circumference and Area of Circles
7.6H: Solving Problems with Simple Probability	7.9C: Area of Composite Figures
7.011. Solving Froblems with Simple Frobability	7.11C: Angle Relationships





