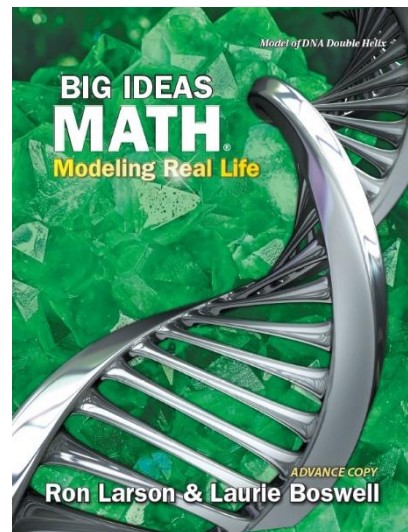


Big Ideas Math: Modeling Real Life, Grade 6, © 2019 Correlated to the Seventh Day Adventist Math Standards

Grade 6



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Grade 6

Standard	Title
Grade 6	
NUMBERS AND OPERATIONS	
Rational Numbers	
6.NO.1 Add, subtract, multiply, and divide multi-digit whole numbers and decimals (6.NS.2,3)	1.1, 1.2, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7
6.NO.2 Find common factors and multiples (6.NS.4); understand and apply prime factorization and exponents (6.EE.1)	1.1, 1.2, 1.3, 1.4, 1.5
6.NO.3 Understand, compare, and order integers; apply integer principles within the four basic operations; graph ordered pairs on a coordinate plane (6.NS.5,6,7,8)	8.1, 8.2, 8.3, 8.4, 8.5, 8.6
6.NO.4 Divide fractions by fractions; express a remainder as a fraction or decimal; convert within fractions, decimals, and percents; convert fractions to terminating, repeating, or rounded decimals (6.NS.1)	2.2, 2.3
Ratios/Proportions/ Percentages	
6.NO.5 Understand and apply ratio concepts and use ratio reasoning to solve problems (6.RP.1,2,3)	3.1, 3.2, 3.3, 3.4, 3.5, 3.6
OPERATIONS AND ALGEBRAIC THINKING	
Expressions and Equations	
6.OAT.1 Apply basic operations to algebraic expressions; solve and explain one-variable equations and inequalities; identify parts of an expression using mathematical terms (6.EE.1,2,3,4,5,6,7,8)	5.1, 5.2, 5.3, 5.4, 5.5, 6.1, 6.2, 6.3, 6.4, 8.7, 8.8
6.OAT.2 Represent, graph, and analyze quantitative relationships between dependent and independent variables (6.EE.9)	6.4
MEASUREMENT	
Elapsed Time	
6.M.1 Calculate elapsed time	This standard is addressed in <i>Big Ideas Math: Modeling Real Life, Grade 4</i> , © 2019 in Lesson 11.8.

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Standard	Title
GEOMETRY	
Area/Volume	
6.GEO.1 Solve real-world and mathematical problems involving area, surface area, and volume (6.G.1,2,3,4)	7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 8.6
DATA ANALYSIS, STATISTICS, AND PROBABILITY	
Statistics and Probability	
6.DSP.1 Develop understanding of statistical variability (6.SP.1,2,3)	9.1, 9.2, 9.3, 9.4, 9.5, 10.1, 10.3, 10.4, 10.5
6.DSP.2 Summarize and describe distributions (6.SP.4,5)	9.1, 10.1, 10.2, 10.3, 10.4, 10.5