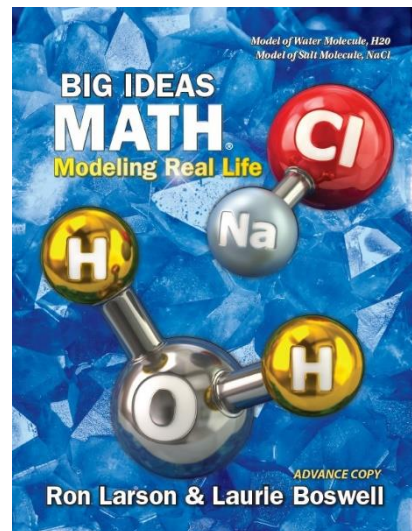


Big Ideas Math: Modeling Real Life, Grade 5, © 2019 Correlated to the Seventh Day Adventist Math Standards

Grade 5



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Grade 5

Standard	Title
Grade 5	
NUMBERS AND OPERATIONS	
Place Value	
5.NO.1 Read, write, and compare decimals to the thousandths place using standard, number name, and expanded forms; round decimals to any place (5.NBT.3,4)	1.4, 1.5, 1.6
5.NO.2 Explain patterns in relation to the powers of 10 (5.NBT.1,2)	1.1, 1.2, 1.3, 1.4, 1.5, 4.1, 5.1, 7.1, 7.2
Basic Operations	
5.NO.3 Multiply multi-digit whole numbers; divide using a two-digit divisor and up to a four-digit dividend; add, subtract, multiply, and divide decimals up to the hundredths place (5.NBT.5,6,7)	3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 4.1, 4.2, 4.3, 4.4, 4.5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.5, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9
Fractions	
5.NO.4 Add and subtract fractions and mixed numbers with unlike denominators; multiply a fraction or a whole number by a fraction; divide fractions by whole numbers (5.NF.1,2,3,4,5,6,7)	8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 10.4, 10.5
5.NO.5 Simplify fractions to lowest terms	8.1
OPERATIONS AND ALGEBRAIC THINKING	
Numerical Expressions	
5.OAT.1 Write and interpret simple numerical expressions using parentheses, brackets, and braces (5.OA.1,2)	2.1, 2.2, 2.3, 2.4
Factors	
5.OAT.2 Determine the least common multiple (LCM) and greatest common factor (GCF) of two numbers	This standard is addressed in <i>Big Ideas Math: Modeling Real Life, Grade 6</i> , © 2019 in Lessons 1.4, 1.5

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Standard	Title
Patterns	
5.OAT.3 Generate, identify the relationship, and graph ordered pairs using numerical patterns with two given rules (5.OA.3)	12.6, 12.7
MEASUREMENT	
Conversion	
5.M.1 Convert like units within a given measurement system (e.g., cm to m, m to cm) (5.MD.1)	11.1, 11.2, 11.3, 11.4, 11.5, 11.7
Volume	
5.M.2 Understand concepts of volume measurement in cubic measure (cm ³ , in ³ , ft ³) and apply to multiplication and addition (5.MD.3,4,5)	13.1, 13.2, 13.3, 13.4, 13.5
Geometric Measurement	
5.M.3 Know the relationship between radius and diameter	This standard is addressed in <i>Big Ideas Math: Modeling Real Life, Grade 7</i> , © 2019 in Lesson 9.1.
GEOMETRY	
Graphs	
5.GEO.1 Graph points in the first quadrant of the coordinate plane to solve real-world and mathematical problems (5.G.1,2)	12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7
Sides/Angles	
5.GEO.2 Classify two-dimensional figures into categories based on their properties of sides and angles (5.G.3,4)	14.1, 14.2, 14.3

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Standard	Title
DATA ANALYSIS, STATISTICS, AND PROBABILITY	
Data	
5.DSP.1 Use basic operations to solve problems using a line plot to display a data set of measurement in fractions of a unit (halves, fourths, and eighths) (5.MD.2)	11.6, 11.7
5.DSP.2 Find the mean, median, mode, and range of a given set of data	Additional Topic: Find the Mean, Find the Median and Mode, and Find the Range. Also see <i>Big Ideas Math: Modeling Real Life, Grade 6</i> , © 2019 in Lessons 9.2, 9.3, and 9.4.