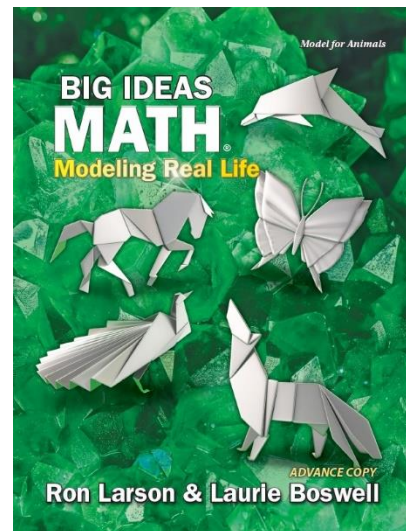


Big Ideas Math: Modeling Real Life, Grade 3, © 2019 Correlated to the Seventh Day Adventist Math Standards

Grade 3



Big Ideas Math: book
 Correlated to the Seventh Day Adventist Math Standards
Grade 3

Standard	Title
Grade 3	
NUMBERS AND OPERATIONS	
Place Value	
3.NO.1 Use place value understanding of up to five-digit whole numbers to round to the nearest 10, 100, and 1,000 (3.NBT.1)	7.1, 7.2, 7.3, 7.4, 7.5 Also see Big Ideas Math: Modeling Real Life, Grade 4, © 2019 Lessons 1.1, 1.2, 1.3, 1.4
Addition/Subtraction	
3.NO.2 Add and subtract up to four digits with and without regrouping (3.NBT.2)	7.4, 7.5, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.10, 8.11, 12.4
Fractions	
3.NO.3 Understand, express, and order fractions between zero and one, simple mixed numbers, and whole numbers as fractions (3.NF.1,2)	10.1, 10.2, 10.3, 10.4, 10.5, 14.5, 14.6, 14.7
3.NO.4 Understand and create equivalent fractions with denominators 2,3,4,6,8 using fraction models (3.NF.3)	11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8
OPERATIONS AND ALGEBRAIC THINKING	
Multiplication/Division	
3.OAT.1 Understand the meaning and relationship of multiplication and division (3.OA.1,2,6)	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8
3.OAT.2 Memorize and fluently multiply and divide using the multiplication facts through 10 (3.OA.3,7); mentally multiply by 10 and 100 (3.NBT.3)	1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.6, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.1, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.1, 5.2, 5.3, 5.4, 9.1, 9.2, 9.3

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Standard	Title
3.OAT.3 Represent and determine the unknown whole number in an equation (3.OA.4)	2.1, 2.2, 2.3, 2.4, 2.6, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.2, 5.4
3.OAT.4 Apply properties of operations (commutative, associative, distributive) to multiply and divide (3.OA.5)	1.4, 2.4, 2.5, 3.6, 3.7, 3.8, 3.9, 4.7, 9.3
Problem Solving	
3.OAT.5 Solve two-step word problems using the four basic operations and estimate to check (3.OA.8)	5.4, 7.4, 7.5, 8.11, 9.4, 9.5
3.OAT.6 Begin to understand and apply the standard order of operations (3.OA.8)	9.5
Patterns	
3.OAT.7 Identify arithmetic patterns using properties of operations (3.OA.9)	2.1, 2.2, 2.3, 2.4, 5.1, 5.2
MEASUREMENT	
Measurement	
3.M.1 Solve problems involving measurement and estimation of intervals of time (nearest minute), liquid volume (liter), and masses of objects (gram, kilogram) (3.MD.1,2)	12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8
3.M.2 Read and understand a calendar using day, week, month, and year	Additional Topic: Time: Yesterday, Today, Tomorrow.
3.M.3 Explain and measure temperature using Celsius and Fahrenheit scales	Additional Topic: Temperature: Understanding Temperatures.
Geometric Measurement	
3.M.4 Understand concepts of area and its measurement by counting unit squares (cm ² , m ² , in ² , ft ²); apply multiplication and addition to area (3.MD.5,6,7)	6.1, 6.2, 6.3, 6.4, 6.5, 15.4, 15.5

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Standard	Title
3.M.5 Solve real-world and mathematical problems recognizing area and perimeter of plane figures; distinguish between linear and area measurements (3.MD.8)	15.1, 15.2, 15.3, 15.4, 15.5
Money	
3.M.6 Construct various equivalent combinations of money; add and subtract money amounts	Additional Topic: Money: Find Total Values of Coins, Additional Topic: Money: Find Total Values of Different Coins, Additional Topic: Money: Use Coins or Bills to Make Change.
GEOMETRY	
Shapes	
3.GEO.1 Sort and classify shapes to compare and contrast attributes (3.G.1,2)	13.1, 13.2, 13.3, 13.4
Fractions	
3.GEO.2 Partition shapes into equal areas and express as a fraction (3.G.2)	10.1, 10.2, 10.3
DATA ANALYSIS, STATISTICS, AND PROBABILITY	
Data	
3.DSP.1 Draw and interpret scaled picture and bar graphs to represent a data set (3.MD.3)	14.1, 14.2, 14.3, 14.4
3.DSP.2 Measure length using rulers marked with halves and fourths of an inch and the nearest whole centimeter; show data by making a line plot (3.MD.4)	14.5, 14.6, 14.7