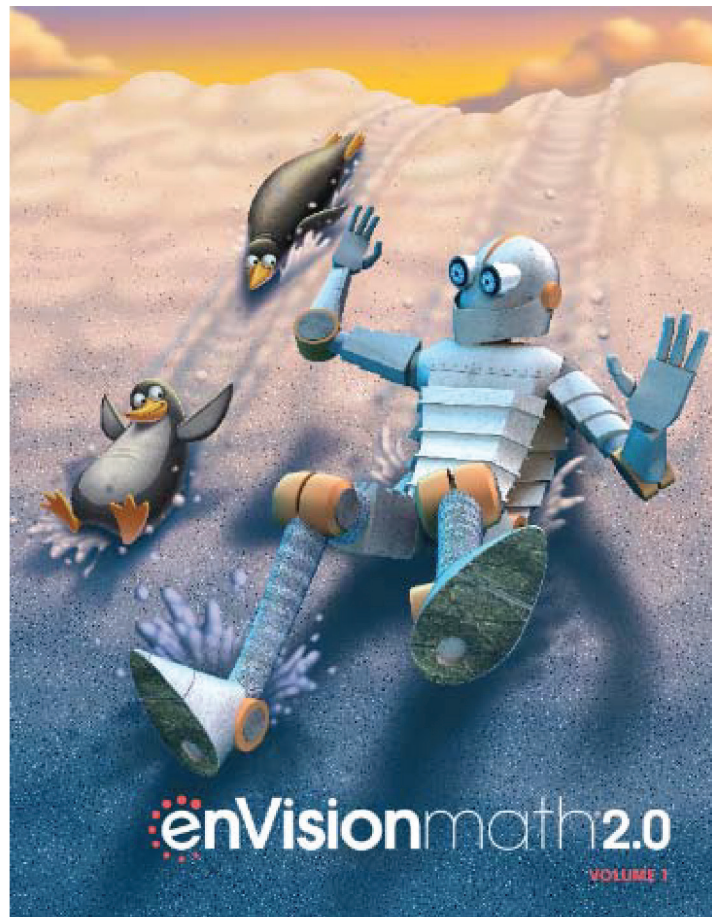


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to the

## **Nampa School District Mathematical Essential Standards Grade 3**

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to the Nampa School District Essential Standards - Mathematics**

Nampa School District Mathematical Essential Standards Grade 3	enVisionmath2.0 ©2016 Grade 3 Lessons
<b>Operations and Algebraic Thinking:</b>	
3.OA.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities.	1-3 Arrays and Multiplication 1-7 Math Practices and Problem Solving: Use Appropriate Tools 2-6 Math Practices and Problem Solving: Model with Math 4-8 Solve Multiplication and Division Equations 4-9 Math Practices and Problem Solving: Make Sense and Persevere 5-5 Solve Word Problems: Multiplication and Division Facts 5-6 Write Math Stories: Multiplication 5-7 Write Math Stories: Division 11-2 Solve 2-Step Word Problems: Multiplication and Division 14-3 Units of Time: Solve Word Problems 14-8 Solve Word Problems Involving Mass and Liquid Volume
3.OA.7 Fluently multiply and divide with 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$ , one knows 40 divided by 5 is 8, or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.	1-4 The Commutative Property 2-3 Apply Properties: Multiply by 0 and 1 3-1 The Distributive Property 3-2 Apply Properties: 3 as a Factor 3-3 Apply Properties: 4 as a Factor 3-4 Apply Properties: 6 and 7 as Factors, 3-5 Apply Properties: 8 as a Factor 3-7 The Associative Property: Multiply with 3 Factors 4-1 Relate Multiplication and Division 4-2 Use Multiplication to Divide with 2, 3, 4, and 5 4-3 Use Multiplication to Divide with 6 and 7 4-4 Use Multiplication to Divide with 8 and 9 4-5 Multiplication Patterns: Even and Odd Numbers 4-6 Division Involving 0 and 1 5-1 Patterns for Multiplication Facts 5-2 Use a Multiplication Table 5-3 Find Missing Numbers in a Multiplication Table 5-4 Use Strategies to Multiply 5-8 Math Practices and Problem Solving: Look for and Use Structure

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<b>Nampa School District Mathematical Essential Standards Grade 3</b>	<b>enVisionmath2.0 ©2016 Grade 3 Lessons</b>
3.OA.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	11-1 Solve Two-Step Word Problems: Addition and Subtraction 11-2 Solve Two-Step Word Problems: Multiplication and Division 11-3 Solve Two-Step Word Problems: All Operations 11-4 Math Practices and Problem Solving: Critique Reasoning
<b>Numbers and Operations in Base 10:</b>	
3.NBT.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.	8-1 Addition Properties 8-8 Relate Addition and Subtraction 9-1 Use Partial Sums to Add 9-2 Add 3-Digit Numbers 9-3 Continue to Add 3-Digit Numbers 9-4 Add 3 or More Numbers 9-5 Use Partial Differences to Subtract 9-6 Subtract 3-Digit Numbers 9-7 Continue to Subtract 3-Digit Numbers
<b>Numbers and Operations--Fractions:</b>	
3.NF.1 Understand a fraction $\frac{1}{b}$ as the quantity formed by 1 part when a whole is partitioned into $b$ equal parts; understand a fraction $\frac{a}{b}$ as the quantity formed by $a$ parts of size $\frac{1}{b}$ .	12-1 Divide Regions into Equal Parts 12-2 Fractions and Regions 12-3 Understand the Whole
3.NF.2 Understand a fraction as a number on the number line; represent fractions on a number line diagram.	12-4 Number Line: Fractions Less Than 1 12-5 Number Line: Fractions Greater Than 1
<b>Measurement and Data:</b>	
3.MD.4 Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units, whole numbers, halves, or quarters.	12-6 Line Plots and Length 12-7 More Line Plots and Length
<b>Geometry:</b>	
3.G.2 Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole.	12-1 Divide Regions into Equal Parts 12-2 Fractions and Regions