

**PROBLEM SOLVING**  
FOR THE **21<sup>ST</sup> CENTURY**

BUILT FOR THE  
**COMMON CORE**

# EnVision 2.0 Alignments

Sixth Grade

1. Login to Exemplars Library: [library.exemplars.com](http://library.exemplars.com) with your school e-mail and password
2. Open the grade-appropriate PDF
3. Find the enVision Topic you are working on
4. Click the link (CCSSM Standard) to be taken to the Exemplars tasks on the Library that correlate to that enVision Lesson.

**\*\* Note:** You must be logged into the Exemplars Library to access the tasks in this document.

## enVision 2.0

Grade 6, Topic 1: Use Positive Rational Numbers

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 1-1	<a href="#">6.NS.B.3</a>	<a href="#">Moving to the Big Apple</a> , <a href="#">Chocolate Shares</a> , <a href="#">Water to Mars</a> , <a href="#">Saving Gas</a> , <a href="#">Just Enough</a> , <a href="#">Flossing Financials</a>
Lesson 1-2	6.NS.B.2, <a href="#">6.NS.B.3</a>	<a href="#">Moving to the Big Apple</a> , <a href="#">Chocolate Shares</a> , <a href="#">Water to Mars</a> , <a href="#">Saving Gas</a> , <a href="#">Just Enough</a> , <a href="#">Flossing Financials</a>
Lesson 1-3	<a href="#">6.NS.A.1</a>	<a href="#">Dwarf Hamster Habitat</a> , <a href="#">Brain Freeze</a> , <a href="#">The Longest Yard</a> , <a href="#">Game Saving</a>
Lesson 1-4	<a href="#">6.NS.A.1</a>	<a href="#">Dwarf Hamster Habitat</a> , <a href="#">Brain Freeze</a> , <a href="#">The Longest Yard</a> , <a href="#">Game Saving</a>
Lesson 1-5	<a href="#">6.NS.A.1</a>	<a href="#">Dwarf Hamster Habitat</a> , <a href="#">Brain Freeze</a> , <a href="#">The Longest Yard</a> , <a href="#">Game Saving</a>
Lesson 1-6	<a href="#">6.NS.A.1</a>	<a href="#">Dwarf Hamster Habitat</a> , <a href="#">Brain Freeze</a> , <a href="#">The Longest Yard</a> , <a href="#">Game Saving</a>
Lesson 1-7	<a href="#">6.NS.A.1</a>	<a href="#">Dwarf Hamster Habitat</a> , <a href="#">Brain Freeze</a> , <a href="#">The Longest Yard</a> , <a href="#">Game Saving</a>

## enVision 2.0

Grade 6, Topic 2: Integers and Rational Numbers

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 2-1	<a href="#">6.NS.C.5</a> , 6.NS.C.6a, 6.NS.C.6c	<a href="#">How Cold Would It Be?</a> , <a href="#">How High and How Low Can That Drone Go?</a>
Lesson 2-2	6.NS.C.6c, 6.NS.C.7a, 6.NS.C.7b	
Lesson 2-3	6.NS.C.7c, 6.NS.C.7d	
Lesson 2-4	6.NS.C.6b, 6.NS.C.6c	
Lesson 2-5	<a href="#">6.NS.C.8</a>	<a href="#">Philadelphia: The City of Brotherly Love of Math!</a> , <a href="#">Cafe in XY City</a> , <a href="#">Counting Steps</a> , <a href="#">Math World Maze</a>
Lesson 2-6	<a href="#">6.NS.C.8</a> , <a href="#">6.G.A.3</a>	<a href="#">Philadelphia: The City of Brotherly Love of Math!</a> , <a href="#">Cafe in XY City</a> , <a href="#">Counting Steps</a> , <a href="#">Math World Maze</a>

## enVision 2.0

Grade 6, Topic 3: Numeric and Algebraic Expressions

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 3-1	6.EE.A.1	
Lesson 3-2	<a href="#">6.NS.B.4</a>	<a href="#">Gears</a> , <a href="#">Floral Arrangements</a> , <a href="#">Summer Camp</a> , <a href="#">Tire Problem</a>
Lesson 3-3	6.EE.A.1, <a href="#">6.EE.A.3</a>	<a href="#">Snack Bar</a> , <a href="#">Frank and Stein</a> , <a href="#">Saving For The New Year</a>
Lesson 3-4	6.EE.A.2a, 6.EE.A.2b, 6.EE.B.6	

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Grade 6, Topic 4: Represent and Solve Equations and Inequalities

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 4-1	6.EE.B.5	
Lesson 4-2	6.EE.A.4, <a href="#">6.EE.B.7</a>	<a href="#">T-Shirt Time</a> , <a href="#">Fried Food Fest</a> , <a href="#">Putting The Sun to Work</a>
Lesson 4-3	<a href="#">6.EE.B.7</a> , 6.EE.B.6	<a href="#">T-Shirt Time</a> , <a href="#">Fried Food Fest</a> , <a href="#">Putting The Sun to Work</a>
Lesson 4-4	<a href="#">6.EE.B.7</a> , 6.EE.B.6	<a href="#">T-Shirt Time</a> , <a href="#">Fried Food Fest</a> , <a href="#">Putting The Sun to Work</a>
Lesson 4-5	<a href="#">6.EE.B.7</a> , 6.EE.B.6	<a href="#">T-Shirt Time</a> , <a href="#">Fried Food Fest</a> , <a href="#">Putting The Sun to Work</a>
Lesson 4-6	<a href="#">6.EE.B.8</a> , 6.EE.B.5	<a href="#">Feeding Fuzzbucket</a> , <a href="#">Kayla's Fence</a> , <a href="#">Preparing to Jam</a>
Lesson 4-7	6.EE.B.5, <a href="#">6.EE.B.8</a>	<a href="#">Feeding Fuzzbucket</a> , <a href="#">Kayla's Fence</a> , <a href="#">Preparing to Jam</a>

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Grade 6, Topic 4: Represent and Solve Equations and Inequalities

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 4-8	<a href="#">6.EE.C.9</a>	<a href="#">Tooth Fairy</a> , <a href="#">Bouncing Balls</a> , <a href="#">Going Batty</a> , <a href="#">Pattern Block Perimeters</a> , <a href="#">Reducing Waste</a>
Lesson 4-9	<a href="#">6.EE.C.9</a>	<a href="#">Tooth Fairy</a> , <a href="#">Bouncing Balls</a> , <a href="#">Going Batty</a> , <a href="#">Pattern Block Perimeters</a> , <a href="#">Reducing Waste</a>
Lesson 4-10	<a href="#">6.EE.C.9</a>	<a href="#">Tooth Fairy</a> , <a href="#">Bouncing Balls</a> , <a href="#">Going Batty</a> , <a href="#">Pattern Block Perimeters</a> , <a href="#">Reducing Waste</a>

## enVision 2.0

Grade 6, Topic 5: Understand and Use Ratio and Rate

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 5-1	6.RP.A.1, 6.RP.A.3	
Lesson 5-2	6.RP.A.3a	<a href="#">Buying Seashells</a>
Lesson 5-3	6.RP.A.3a	<a href="#">Buying Seashells</a>
Lesson 5-4	6.RP.A.3a	<a href="#">Buying Seashells</a>
Lesson 5-5	<a href="#">6.RP.A.2</a> , 6.RP.A.3a, <a href="#">6.RP.A.3b</a>	<a href="#">Buying Seashells</a> , <a href="#">Bake Sale</a> , <a href="#">Down the Babbling River</a> , <a href="#">The Sweetest Time of the Year</a> , <a href="#">Celebrity Frog Races</a> , <a href="#">Cookie Caper</a> , <a href="#">Gobble, Gobble, Gobble</a> , <a href="#">Sink or Swim</a>
Lesson 5-6	<a href="#">6.RP.A.3b</a> , 6.RP.A.3a	<a href="#">Celebrity Frog Races</a> , <a href="#">Cookie Caper</a> , <a href="#">Gobble, Gobble, Gobble</a> , <a href="#">Sink or Swim</a> , <a href="#">Buying Seashells</a>
Lesson 5-7	<a href="#">6.RP.A.3b</a>	<a href="#">Celebrity Frog Races</a> , <a href="#">Cookie Caper</a> , <a href="#">Gobble, Gobble, Gobble</a> , <a href="#">Sink or Swim</a>



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Grade 6, Topic 5: Understand and Use Ratio and Rate

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 5-8	<a href="#">6.RP.A.3d</a>	<a href="#">A Stinky Situation</a> , <a href="#">Height Dilemma</a> , <a href="#">How Many Nickels?</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">Preparing a Volunteer Dessert</a>
Lesson 5-9	<a href="#">6.RP.A.3d</a>	<a href="#">A Stinky Situation</a> , <a href="#">Height Dilemma</a> , <a href="#">How Many Nickels?</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">Preparing a Volunteer Dessert</a>
Lesson 5-10	<a href="#">6.RP.A.3d</a>	<a href="#">A Stinky Situation</a> , <a href="#">Height Dilemma</a> , <a href="#">How Many Nickels?</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">Preparing a Volunteer Dessert</a>

## enVision 2.0

Grade 6, Topic 6: Understand and Use Percent

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 6-1	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>
Lesson 6-2	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>
Lesson 6-3	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>
Lesson 6-4	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>
Lesson 6-5	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>
Lesson 6-6	<a href="#">6.RP.A.3c</a>	<a href="#">Sneaker Sales</a> , <a href="#">Eraser Boxes</a> , <a href="#">Is Silver the Most Popular Car Color?</a> , <a href="#">M&amp;Ms</a>

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Grade 6, Topic 7: Solve Area, Surface Area, and Volume Problems

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 7-1	<a href="#">6.G.A.1</a> , 6.EE.A.2c	<a href="#">An Architect Needed!</a> , <a href="#">Fix That Foyer</a> , <a href="#">Garden Contest</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">With This Ring, I Thee Wed</a>
Lesson 7-2	<a href="#">6.G.A.1</a> , 6.EE.A.2c	<a href="#">An Architect Needed!</a> , <a href="#">Fix That Foyer</a> , <a href="#">Garden Contest</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">With This Ring, I Thee Wed</a>
Lesson 7-3	<a href="#">6.G.A.1</a> , 6.EE.A.2c	<a href="#">An Architect Needed!</a> , <a href="#">Fix That Foyer</a> , <a href="#">Garden Contest</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">With This Ring, I Thee Wed</a>
Lesson 7-4	<a href="#">6.G.A.1</a> , 6.EE.A.2c, <a href="#">6.G.A.3</a> , 6.NS.C.6c, <a href="#">6.NS.C.8</a>	<a href="#">An Architect Needed!</a> , <a href="#">Fix That Foyer</a> , <a href="#">Garden Contest</a> , <a href="#">Mrs. McNair's Construction Project</a> , <a href="#">With This Ring, I Thee Wed</a> , <a href="#">Herding Cats</a> , <a href="#">Fix That Foyer!</a> , <a href="#">How Big Is the Property?</a> , <a href="#">Philadelphia: The City of Brotherly Love of Math!</a> , <a href="#">Cafe in XY City</a> , <a href="#">Counting Steps</a> , <a href="#">Math World Maze</a>
Lesson 7-5	<a href="#">6.G.A.4</a>	<a href="#">Gift Wrap</a> , <a href="#">Rocking the Room</a> , <a href="#">Townhouse Tribulation</a> , <a href="#">Two Great Tastes That Taste Great Together</a> , <a href="#">Wrapping Mom's Lamp</a>

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Grade 6, Topic 7: Solve Area, Surface Area, and Volume Problems

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 7-6	<a href="#">6.G.A.4</a> , 6.EE.A.2a, 6.EE.A.2c, 6.EE.B.6	<a href="#">Gift Wrap</a> , <a href="#">Rocking the Room</a> , <a href="#">Townhouse Tribulation</a> , <a href="#">Two Great Tastes That Taste Great Together</a> , <a href="#">Wrapping Mom's Lamp</a>
Lesson 7-7	<a href="#">6.G.A.4</a> , 6.EE.A.2a, 6.EE.A.2c, 6.EE.B.6	<a href="#">Gift Wrap</a> , <a href="#">Rocking the Room</a> , <a href="#">Townhouse Tribulation</a> , <a href="#">Two Great Tastes That Taste Great Together</a> , <a href="#">Wrapping Mom's Lamp</a>
Lesson 7-8	<a href="#">6.G.A.2</a> , 6.EE.A.2a, 6.EE.A.2c, 6.EE.B.6	<a href="#">Box Dilemma</a> , <a href="#">Candy Bar Madness</a> , <a href="#">Cordwood Dilemma</a> , <a href="#">Hershey's vs. Kit Kats</a> , <a href="#">Lucy Limestone</a> , <a href="#">Shoe Contest</a>

## enVision 2.0

Grade 6, Topic 8: Display, Describe, and Summarize Data

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 8-1	6.SP.A.1, 6.SP.B.4	
Lesson 8-2	6.SP.A.3, 6.SP.B.5c	
Lesson 8-3	6.SP.B.4	
Lesson 8-4	6.SP.B.4, <a href="#">6.SP.B.5a</a>	<a href="#">Who Is The Best?</a> , <a href="#">Environmentally Friendly Shopper</a> , <a href="#">Homework Survey</a> , <a href="#">How Cold Would It Be?</a> , <a href="#">Is Silver The Most Popular Car Color?</a> , <a href="#">More Screen Time</a> , <a href="#">Too Sweet</a> , <a href="#">What Does Mother Nature Have Planned For My Special Day in Vermont?</a> , <a href="#">What is the Typical Price of a Vermont Ski Pass?</a>
Lesson 8-5	<a href="#">6.SP.B.5c</a> , 6.SP.B.4	<a href="#">Who Is The Best?</a> , <a href="#">Environmentally Friendly Shopper</a> , <a href="#">Homework Survey</a> , <a href="#">How Cold Would It Be?</a> , <a href="#">Is Silver The Most Popular Car Color?</a> , <a href="#">More Screen Time</a> , <a href="#">Too Sweet</a> , <a href="#">What Does Mother Nature Have Planned For My Special Day in Vermont?</a> , <a href="#">What is the Typical Price of a Vermont Ski Pass?</a>

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Grade 6, Topic 8: Display, Describe, and Summarize Data

Problem Solving Lessons	CCSSM Standard Addressed	Exemplars Tasks that Correlate
Lesson 8-6	<a href="#">6.SP.B.5d</a> , <a href="#">6.SP.B.5c</a>	
Lesson 8-7	6.SP.A.2, <a href="#">6.SP.B.5b</a> , 6.SP.B.4, <a href="#">6.SP.B.5c</a>	<a href="#">Who Is The Best?</a> , <a href="#">Environmentally Friendly Shopper</a> , <a href="#">Homework Survey</a> , <a href="#">How Cold Would It Be?</a> , <a href="#">Is Silver The Most Popular Car Color?</a> , <a href="#">More Screen Time</a> , <a href="#">Too Sweet</a> , <a href="#">What Does Mother Nature Have Planned For My Special Day in Vermont?</a> , <a href="#">What is the Typical Price of a Vermont Ski Pass?</a>