



Standards-Based Assessment + Instruction

PROBLEM SOLVING
FOR THE **21ST CENTURY**

BUILT FOR THE
**NYS NEXT GENERATION
LEARNING STANDARDS**

Illustrative Math Alignments
Grade 1

1. Login to Exemplars Library: library.exemplars.com with your school e-mail and password
2. Select the Grade 1 Unit you are working on:
 - [Unit 1: Adding, Subtracting, and Working with Data](#)
 - [Unit 2: Addition and Subtraction Story Problems](#)
 - [Unit 3: Adding and Subtracting Within 20](#)
 - [Unit 4: Numbers to 99](#)
 - [Unit 5: Adding Within 100](#)
 - [Unit 6: Length Measurements Within 120 Units](#)
 - [Unit 7: Geometry and Time](#)
 - [Unit 8: Putting It All Together](#)
3. Once you are in the correct Unit, click on the task name, which is directly linked to the Exemplars Library where you can download a printer-friendly PDF and lesson planning sheet for the corresponding task.

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

Illustrative Math: Grade 1

Unit 1: Adding, Subtracting, and Working with Data

Section A: Add and Subtract within 10	Section B: Show Us Your Data	Section C: What Does the Data Tell Us?
<p>*Allow time for exploration and hands-on work. This allows the teacher to gather information about students' skills and understanding before entering into more complex tasks.</p>	<p>A New Color</p>	<p>Which Fairy Tale?</p>
	<p>Pizza Time!</p>	<p>The Zoo</p>
	<p>Painting Walls</p>	<p>Where Is Recess?</p>
	<p>Summative Assessment Task: David's Dog</p>	<p>Traveling to School</p>
		<p>Making Sandwiches</p>
		<p>Apple or Orange?</p>

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Unit 2: Addition and Subtraction Story Problems

Section A: Add To and Take From Story Problems	Section B: Put Together/Take Apart Story Problems	Section C: Compare Story Problems	Section D: All Kinds of Story Problems
<p>At this time of year the focus for problems is within 10. Students will move to within 20 by the end of the school year.</p>	<p>At this time of year the focus for problems is within 10. Students will move to within 20 by the end of the school year. Problems can be taken from the Grade 1 Exemplars library listed in Unit 3 and adjusted to be within 10.</p>	<p>At this time of year the focus for problems is within 10. Students will move to within 20 by the end of the school year. Problems can be taken from the Grade 1 Exemplars library in Unit 3 and adjusted to be within 10.</p>	<p>Use tasks from Unit 2 Section A, B, and C.</p>
	<p>Bulbs in a Bag</p>		
	<p>Soccer Balls and Basketballs</p>		
	<p>Andy's Apples</p>		
	<p>Dogs in Pens</p>		

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Unit 2: Addition and Subtraction Story Problems (continued)

Section A: Add To and Take From Story Problems	Section B: Put Together/Take Apart Story Problems	Section C: Compare Story Problems	Section D: All Kinds of Story Problems
	Fred's Fish		
	Piggy Banks		
	Red and Pink Flowers		
	Summative Assessment Task: Bowls of Dimes		

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Unit 3: Adding and Subtracting Within 20

Section A: Develop Fluency with Addition and Subtraction within 10	Section B: Add and Subtract using Ten as a Unit	Section C: Add within 20	Section D: Subtract within 20
Pennies in Each Hand (Put Together, Total Unknown)	Mini Muffins on a Plate (Take From, Result Unknown)	Picking Up Shapes (Put Together, Total Unknown)	The Clown's Balloons (Take From, Result Unknown)
Stacking Books (Put Together/ Take Apart, Total Unknown)	Birds in Trees (Put Together, Total Unknown)	Toy Cars (Put Together, Total Unknown)	Cans of Paint (Put Together/ Take Apart, Addend Unknown)
Pink and Purple Hats (Put Together/Take Apart, Addend Unknown)	Coins in the Bank (Add to, Result Unknown)	Plastic Dinosaurs (Put Together, Total Unknown)	Dinosaurs (Take From, Result Unknown)
Flowers for Dad (Put Together/ Take Apart, Addend Unknown)	Floor Mats (Put Together, Total Unknown)	Time for Math (Put Together, Total Unknown)	Mouse Meals (Take From, Result Unknown)
	Bean Plants (Take From, Result Unknown; Add to, Result Unknown)	Grapes for Gracie (Add to, Result Unknown)	Betty's Balloons (Take From, Result Unknown)
	Inches of Pencils (Put Together, Total Unknown)	Frogs and Flies (Add to, Result Unknown)	Carrot Sticks for Snack (Take From, Result Unknown)
	Summative Assessment Task: Reading a Book (Put together/ Take Apart, Total Unknown)	Worms for Baby Birds (Put Together, Total Unknown)	A Bag of Cat Treats (Put Together, Total Unknown; Take From, Result Unknown)
		Counting Candy Hearts (Put Together, Total Unknown)	Pictures on the Wall (Take From, Result Unknown)

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Unit 3: Adding and Subtracting Within 20 (continued)

Section C: Add within 20	Section D: Subtract within 20
Jen Loves Jelly Beans (Put Together, Total Unknown)	Eating Grapes (Take From, Result Unknown)
Summative Assessment Task: A New Fish Tank Add to, Result Unknown)	Pennies to Share (Put Together/Take Apart, Addend Unknown)
Books on Shelves (Put Together, Total Unknown)	Summative Assessment Task: Pennies in a Pocket Put Together/Take Apart, Addend Unknown)
Crayons in Trays (Put Together, Total Unknown)	
Summative Assessment Task: Books, Books, Books (Put Together, Total Unknown)	
A Rose Garden (Put Together, Total Unknown)	
Recycling (Put Together, Total Unknown)	
A Birdbath (Put Together, Total Unknown)	
Making Lemonade (Put Together/Take Apart, Total Unknown)	
Drawing Oranges (Add to, Change Unknown)	
Pairs of Shoes (Put Together/Take Apart, Addend Unknown)	
Shapes on the Floor (Put Together, Total Unknown)	
Summative Assessment Task: Pink and Blue Beads (Take Apart, Both Addends Unknown)	

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Unit 4: Numbers to 99

Section A: Units of Ten	Section B: Tens and Ones	Section C: Compare Numbers to 99	Section D: Different Ways to Make a Number
A Can of Nails	Use tasks from Unit 4 Section A or previous units.	Use tasks from Unit 4 Section A or previous units.	Use tasks from Unit 4 Section A or previous units.
Ten Pages a Day			
A Pail of Blueberries			
Crayons for Chris			
Summative Assessment Task: Pennies in Cups and Bowls			

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Unit 5: Adding Within 100

Section A: Add Without Making a Ten	Section B: Make a Ten: Add One- and Two- digit Numbers	Section C: Make a Ten: Add Within 100
Pete the Parrot	Stacking Wood	Use tasks from Unit 5 Section A or B or previous units.
Paintbrushes		
A Book About Dogs		
Summative Assessment Task: Worms		

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Unit 6: Length Measurements Within 120 Units

Section A: From Direct to Indirect Comparisons	Section B: Measure by Iterating up to 120 Length Units	Section C: All Kinds of Story Problems
Use tasks from previous units.	Use tasks from previous units.	Fruit (Put Together, Total Unknown)
		Finding Tadpoles (Add to, Result Unknown)
		Sticker Books (Put Together, Total Unknown)
		Summative Assessment Task: Ladybugs and Crickets (Put Together, Total Unknown)
		More Marbles (Compare, Difference Unknown)
		Pennies for Pencils (Put Together, Total Unknown; Put Together/Take Apart, Addend Unknown)
		Seashells (Add to, Start Unknown)
		Rock Collection (Compare, Bigger Unknown)
		Autumn Leaves in the Park (Compare, Smaller Unknown)
		Sharing M&M's (Put Together/Take Apart, Addend Unknown)

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Unit 7: Geometry and Time

Section A: Flat and Solid Shapes	Section B: Halves and Quarters	Section C: Tell Time in Hours and Half Hours
The Table Problem	Snack Bars for Sharing	Use tasks from Unit 7 Sections A and B or previous units.
Grouping Attribute Blocks	Ribbons for an Art Project	
Grouping Pattern Blocks	Building a Box	
Shapes on a Paper	Washing a Whole Window	
Straight Sides	Coloring a Circle	
Summative Assessment Task: Drawing Shapes	Summative Assessment Task: Equal Shares of Pizza	
A Hexagon Problem		
Quilt Squares for Granny		
Triangles From Triangles		
Summative Assessment Task: Squares From Squares		

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Unit 8: Putting It All Together

Section A: Add and Subtract Within 20	Section B: Story Problems	Section C: Numbers to 120
Use tasks froms Unit 3 and/or Unit 6, Section C.	Use tasks froms Unit 3 and/or Unit 6, Section C.	Use tasks from Unit 5.