



Standards-Based Assessment + Instruction

PROBLEM SOLVING FOR THE | 21ST CENTURY

BUILT FOR THE
NYS NEXT GENERATION
LEARNING STANDARDS

Illustrative Math Alignments
Kindergarten

1. Login to Exemplars Library: library.exemplars.com with your school e-mail and password
2. Select the Kindergarten Unit you are working on:
 - [Unit 1: Math in our World](#)
 - [Unit 2: Numbers 1-10](#)
 - [Unit 3: Flat Shapes All Around Us](#)
 - [Unit 4: Understanding Addition and Subtraction](#)
 - [Unit 5: Composing and Decomposing Numbers to 10](#)
 - [Unit 6: Numbers 0-20](#)
 - [Unit 7: Solid Shapes All Around Us](#)
 - [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: Kindergarten

Unit 1: Math In Our World

Section A: Explore Our Math Tools	Section B: Recognize Quantities	Section C: Are There Enough?	Section D: Counting Collections
<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. During Unit 2, Section B, students can begin to work on tasks from the Exemplars Library if appropriate.</p>	<p>*Allow time for exploration and hands-on work.</p>	<p>*Allow time for exploration and hands-on work.</p>	<p>*Allow time for exploration and hands-on work.</p>

Illustrative Math: Kindergarten

Unit 2: Numbers 1-10

Section A: Count and Compare Groups of Objects	Section B: Count and Compare Groups of Images	Section C: Connect Quantities and Numbers	Section D: Compare Numbers
*Allow time for exploration and hands-on work.	Sitting Cats	Bicycle Tires	Anna's Apples
	Fish Tanks	Sneakers	Carrying Books
		Balloons	Toy Trucks
			Summative Assessment Task: Green and Pink Ribbons

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Unit 3: Flat Shapes All Around Us

Section A: Exploring Shapes in Our Environment	Section B: Making Shapes
The Button Box	Tony's Triangles
Pictures	Making Rectangles
Sides on Shapes	Paper Clip Squares
Summative Assessment Task: Counting Corners	Tiles
	Two Rectangles

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Unit 4: Understanding Addition and Subtraction

Section A: Count to Add and Subtract	Section B: Represent and Solve Story Problems	Section C: Addition and Subtraction Expressions
Pets (Add to, Result Unknown)	Pencils and Pens (Put Together, Total Unknown)	Sharing Purple Paper
Dogs and Cats (Add to, Result Unknown)	Friends at the Park (Put Together, Total Unknown)	Reading Mats
A Pumpkin Patch (Add to, Result Unknown)	Oranges in a Basket (Add to, Result Unknown)	Picking Up Markers
Fishing with Grandfather (Add to, Result Unknown)	Flowers in a Vase (Put Together, Total Unknown)	
Apple Pies (Add to, Result Unknown)	Summative Assessment Task: A Tower of Books (Add to, Result Unknown)	
Shots for Puppies (Add to, Result Unknown)	Frogs on a Log (Take From, Result Unknown)	

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Unit 4: Understanding Addition and Subtraction (continued)

Section A: Count to Add and Subtract	Section B: Represent and Solve Story Problems	Section C: Addition and Subtraction Expressions
Summative Assessment Task: Truck Books (Add to, Result Unknown)	Little Kittens (Take From, Result Unknown)	
Birds in a Tree (Take From, Result Unknown)	Rocks (Take From, Result Unknown)	
Popping Balloons (Take From, Result Unknown)	Summative Assessment Task: Crackers on a Plate (Take From, Result Unknown)	
A Bunny (Take From, Result Unknown)		
Balls in a Box (Take From, Result Unknown)		
Bowls to Dry (Take From, Result Unknown)		
Summative Assessment Task: Sharing Baseballs (Take From, Result Unknown)		

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Unit 5: Composing and Decomposing Numbers to 10

Section A: Make and Break Apart Numbers to 9	Section B: More Types of Story Problems	Section C: Make and Break Apart 10
*Use this section time to continue work with tasks from Unit 4 or a previous unit.	Blue and Red Beads	Oranges and Baskets
	Cards for Friends	Markers and Cans
	Crayons in a Bowl	Diane's Dimes
	Carrots in a Bag	Linda's Beads
		Roberto's Crackers
		Rings on Her Fingers
		Summative Assessment Task: Two Bowls

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Unit 6: Numbers 0–20

Section A: Count Groups of 11-20 Objects	Section B: 10 Ones and Some More	Section C: Count Groups of 11-20 Images
Feeding the Bunnies	Flowers in Vases	Shelves for Books
Counting Horse Legs	Crayons in a Box	Tennis Balls
Summative Assessment Task: Gingerbread Men	New Pencils	Summative Assessment Task: Paper Plates for Snack
	Counting Beads	

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Unit 7: Solid Shapes All Around Us

Section A: Compose and Count with Flat Shapes	Section B: Describe, Compare, and Create Solid Shapes
Tables in the Art Room	Use tasks from Unit 7, Section A or previous unit.
Making Shapes	
The Yellow Pattern Block	
Summative Assessment Task: Shapes	

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Unit 8: Putting it All Together

Section A: Counting and Comparing	Section B: Math in Our School	Section C: Fluency within 5	Section D: All About 10
Attribute Blocks	*See tasks from Unit 6	*See tasks from previous units/sections.	*See tasks from Unit 5 and 6.
Happy St. Patrick's Day			
Interlocking Cubes			
Sorting Buttons With Faces			
Sorting With Blocks			