



Standards-Based Assessment + Instruction

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

BUILT FOR THE  
**COMMON CORE**

**Illustrative Math Alignments**  
Grade K

1. Login to Exemplars Library: [library.exemplars.com](http://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.	<a href="#">Sitting Cats</a>	<a href="#">Bicycle Tires</a>	<a href="#">Anna's Apples</a>
	<a href="#">Fish Tanks</a>	<a href="#">Sneakers</a>	<a href="#">Carrying Books</a>
		<a href="#">Balloons</a>	<a href="#">Toy Trucks</a>
			<a href="#">Summative Assessment Task: Green and Pink Ribbons</a>

## Illustrative Math: Kindergarten

### Unit 3: Flat Shapes All Around Us

Section A: Exploring Shapes in Our Environment	Section B: Making Shapes
<a href="#">The Button Box</a>	<a href="#">Tony's Triangles</a>
<a href="#">Pictures</a>	<a href="#">Making Rectangles</a>
<a href="#">Sides on Shapes</a>	<a href="#">Paper Clip Squares</a>
<a href="#">Summative Assessment Task: Counting Corners</a>	<a href="#">Tiles</a>
	<a href="#">Two Rectangles</a>

## Illustrative Math: Kindergarten

### 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
<a href="#">Pets</a> (Add to, Result Unknown)	<a href="#">Pencils and Pens</a> (Put Together, Total Unknown)	<a href="#">Sharing Purple Paper</a>
<a href="#">Dogs and Cats</a> (Add to, Result Unknown)	<a href="#">Friends at the Park</a> (Put Together, Total Unknown)	<a href="#">Reading Mats</a>
<a href="#">A Pumpkin Patch</a> (Add to, Result Unknown)	<a href="#">Oranges in a Basket</a> (Add to, Result Unknown)	<a href="#">Picking Up Markers</a>
<a href="#">Fishing with Grandfather</a> (Add to, Result Unknown)	<a href="#">Flowers in a Vase</a> (Put Together, Total Unknown)	
<a href="#">Apple Pies</a> (Add to, Result Unknown)	<a href="#">Summative Assessment Task: A Tower of Books</a> (Add to, Result Unknown)	
<a href="#">Shots for Puppies</a> (Add to, Result Unknown)	<a href="#">Frogs on a Log</a> (Take From, Result Unknown)	

*(Continued on the next page.)*

## Illustrative Math: Kindergarten

### 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
<a href="#">Summative Assessment Task: Truck Books</a> (Add to, Result Unknown)	<a href="#">Little Kittens</a> (Take From, Result Unknown)	
<a href="#">Birds in a Tree</a> (Take From, Result Unknown)	<a href="#">Rocks</a> (Take From, Result Unknown)	
<a href="#">Popping Balloons</a> (Take From, Result Unknown)	<a href="#">Summative Assessment Task: Crackers on a Plate</a> (Take From, Result Unknown)	
<a href="#">A Bunny</a> (Take From, Result Unknown)		
<a href="#">Balls in a Box</a> (Take From, Result Unknown)		
<a href="#">Bowls to Dry</a> (Take From, Result Unknown)		
<a href="#">Summative Assessment Task: Sharing Baseballs</a> (Take From, Result Unknown)		

## Illustrative Math: Kindergarten

### 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.	<a href="#">Blue and Red Beads</a>	<a href="#">Oranges and Baskets</a>
	<a href="#">Cards for Friends</a>	<a href="#">Markers and Cans</a>
	<a href="#">Crayons in a Bowl</a>	<a href="#">Diane's Dimes</a>
	<a href="#">Carrots in a Bag</a>	<a href="#">Linda's Beads</a>
		<a href="#">Roberto's Crackers</a>
		<a href="#">Rings on Her Fingers</a>
		<a href="#">Summative Assessment Task: Two Bowls</a>



## Illustrative Math: Kindergarten

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
<a href="#">Feeding the Bunnies</a>	<a href="#">Flowers for Mom</a>	<a href="#">Fourteen Books</a>
<a href="#">Counting Horse Legs</a>	<a href="#">Crayons</a>	<a href="#">Tennis Balls in Buckets</a>
<a href="#">Summative Assessment Task: Gingerbread Men</a>	<a href="#">New Pencils</a>	<a href="#">Summative Assessment Task: Paper Plates</a>
	<a href="#">More Beads</a>	

## Illustrative Math: Kindergarten

### Unit 7: Solid Shapes All Around Us

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

## Illustrative Math: Kindergarten

### 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
<a href="#">Attribute Blocks</a>	*See tasks from Unit 6	*See tasks from previous units/sections.	*See tasks from Unit 5 and 6.
<a href="#">Happy St. Patrick's Day</a>			
<a href="#">Interlocking Cubes</a>			
<a href="#">Sorting Buttons With Faces</a>			
<a href="#">Sorting With Blocks</a>			