Exemplars® K–12
We Set the Standards!

Standards-Based Assessment + Instruction

PROBLEM SOLVING FOR THE 21ST CENTURY

BUILT FOR THE COMMON CORE

Illustrative Math Alignments

Grade K

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.
4. Looking for ideas on how to find time to integrate Exemplars tasks into your IM Curriculum? We've got you covered!

***** 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 (Lessons 1-5)	Section B: Recognize Quantities (Lesson 6-9)	Section C: Are There Enough? (Lessons 10-11)	Section D: Counting Collections (Lessons 12-17)
*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.	*Allow time for exploration and hands-on work.	*Allow time for exploration and hands-on work.	*Allow time for exploration and hands-on work.

Illustrative Math: Kindergarten

Unit 2: Numbers 1-10

Section A: Count and Compare Groups of Objects (Lessons 1-6)	Section B: Count and Compare Groups of Images (Lessons 7-11)	Section C: Connect Quantities and Numbers (Lessons 12-16)	Section D: Compare Numbers (Lessons 17-22)
*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

Illustrative Math: Kindergarten

Unit 3: Flat Shapes All Around Us

Section A: Exploring Shapes in Our Environment (Lessons 1-9)	Section B: Making Shapes (Lessons 10-15)
The Button Box	Tony's Triangles
Pictures	Making Rectangles
Sides on Shapes	Paper Clip Squares
Summative Assessment Task: Counting Corners	Tiles
	Two Rectangles

Illustrative Math: Kindergarten

Unit 4: Understanding Addition and Subtraction

Section A: Count to Add and Subtract (Lessons 1-5)	Section B: Represent and Solve Story Problems (Lessons 6-13)	Section C: Addition and Subtraction Expressions (Lessons 14-18)
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)	

(Continued on the next page.)

Illustrative Math: Kindergarten

Unit 4: Understanding Addition and Subtraction (continued)

Section A: Count to Add and Subtract (Lessons 1-5)	Section B: Represent and Solve Story Problems (Lessons 6-13)	Section C: Addition and Subtraction Expressions (Lessons 14-18)
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)		

Illustrative Math: Kindergarten

Unit 5: Composing and Decomposing Numbers to 10

Section A: Make and Break Apart Numbers to 9 (Lessons 1-4)	Section B: More Types of Story Problems Lessons (5-9)	Section C: Make and Break Apart 10 (Lessons 10-15)
*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

Illustrative Math: Kindergarten

Unit 6: Numbers 0–20

Section A: Count Groups of 11-20 Objects (Lessons 1-4)	Section B: 10 Ones and Some More (Lessons 5-10)	Section C: Count Groups of 11–20 Images (Lessons 11-13)
Feeding the Bunnies	Flowers for Mom	Fourteen Books
Counting Horse Legs	Crayons	Tennis Balls in Buckets
Summative Assessment Task: Gingerbread Men	New Pencils	Summative Assessment Task: Paper Plates
	More Beads	

Illustrative Math: Kindergarten

Unit 7: Solid Shapes All Around Us

Section A: Compose and Count with Flat Shapes (Lessons 1-6)	Section B: Describe, Compare, and Create Solid Shapes (Lessons 7-16)
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	

Illustrative Math: Kindergarten

Unit 8: Putting it All Together

Section A: Counting and Comparing (Lessons 1-5)	Section B: Math in Our School (Lessons 6-11)	Section C: Fluency within 5 (Lessons 12-16)	Section D: All About 10 (Lessons 17-21)
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			

Integrating Exemplars Tasks into Illustrative Mathematics

When using a high-quality instructional resource like *Illustrative Mathematics*, it can initially feel overwhelming to determine how and when to incorporate opportunities for students to extend their learning—especially through performance tasks from *Exemplars*. There is no single "right" way to integrate *Exemplars* tasks into the *Illustrative Mathematics* resource.

Many factors will influence your approach, including:

- The amount of time available for math instruction and assessment
- The goals of the unit, section, or lesson, and
- Your students' backgrounds, knowledge, and prior experiences.

General Considerations

If your math instructional block exceeds 60 minutes, you may have more flexibility to incorporate an Exemplars task that aligns with the current lesson, section, or unit goals—or that reinforces a previously taught concept.

If your instructional time is 60 minutes or less, consider the following strategies:

- **Build in additional lesson days** that focus solely on an Exemplars task. Since the IM pacing guide for Kindergarten, for instance, recommends 137–155 instructional days (out of a typical 180-day school year), the remaining days can be distributed throughout units to make space for performance tasks.
- **Omit optional lessons** within IM to create room for deeper exploration using Exemplars tasks.
- **Substitute the final unit, "Putting It All Together,"** with Exemplars tasks. In Kindergarten, this could provide up to 17-23 additional days that can be redistributed across the school year.

Embedding Exemplars Tasks into Daily Instruction

You might also choose to substitute one or more activities within a lesson with an Exemplars problem-solving task—especially if it aligns closely with the lesson's learning goal. *(Follow below for suggestions for a Kindergarten unit)*

Other flexible options for using Exemplars tasks include:

- Alongside Center Activities and Practice Problems
- As a homework opportunity
- In place of a Section Checkpoint for formative assessment
- Alongside or in place of a Unit Assessment for summative purposes

Kindergarten Lesson Specific Ideas

The following are possible opportunities to substitute one or more Illustrative Mathematics activities with an Exemplars Task. It is important to consider the lesson goals and what experiences your students will most benefit from.

Unit 2: Numbers 1-10

Lesson	Considerations for Activities to be Substituted	Exemplars Task Options
12	Activity 3-Centers: Choice Time	Sitting Cats Fish Tanks
13	Activity 3-Centers: Choice Time	Sitting Cats Fish Tanks
15	Activity 3-Centers: Choice Time	Bicycle Tires Sneakers Balloons

Lesson	Considerations for Activities to be Substituted	Exemplars Task Options
16	Activity 1-Plants in a Garden Activity 2-Number Posters with Objects	Bicycle Tires Sneakers Balloons
17	Activity 1-Number Posters with Drawings Activity 3-Centers: Choice Time	Bicycle Tires Sneakers Balloons
18	Activity 3-Centers: Choice Time	Bicycle Tires Sneakers Balloons
21	Activity 3-Centers: Choice Time	Anna's Apples Carrying Books Toy Trucks Summative Assessment Task: Green and Pink Ribbons
22	Activity 3-Centers: Choice Time	Anna's Apples Carrying Books Toy Trucks Summative Assessment Task: Green and Pink Ribbons

Lesson	Considerations for Activities to be Substituted	Exemplars Task Options
23	Activity 1-Which Number Is More? Activity 2-Which Number Is Less? Activity 3-Centers: Choice Time	Anna's Apples Carrying Books Toy Trucks Summative Assessment Task: Green and Pink Ribbons
24	Activity 1-Tyler's Table Activity 2-Your Family's Table	Anna's Apples Carrying Books Toy Trucks Summative Assessment Task: Green and Pink Ribbons

Exemplars performance tasks can extend students' learning seamlessly within the *Illustrative Mathematics* resource because in addition to their alignment to the Common Core standards, they share a focus for developing deep conceptual understanding along with a balance of procedural concepts and application to real-world problems. To learn more about how these resources work together, check out our Case Study here.