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 3

1. Login to Exemplars Library: library.exemplars.com with your school e-mail and password
2. Select the Grade 3 Unit you are working on:
   - Unit 1: Introducing Multiplication
   - Unit 2: Area and Multiplication
   - Unit 3: Wrapping Up Addition and Subtraction Within 1,000
   - Unit 4: Relating Multiplication to Division
   - Unit 5: Fractions as Numbers
   - Unit 6: Measuring Length, Time, Liquid Volume, and Weight
   - Unit 7: Two-dimensional Shapes and Perimeter
   - 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: Grade 3

Unit 1: Introducing Multiplication

Section A: Interpret and Represent Data on Scaled Graphs (Lessons 1-8)	Section B: From Graphs to Multiplication (Lessons 9-15)	Section C: Represent Multiplication with Arrays and the Commutative Property (Lessons 16-21)
The Math Team	Ms. Bray's Mathematical Problem	Pictures in the Hallway
Buying Fruit	A Problem With Five	Collecting Stickers
Summative Assessment Task: A Read A Book Contest	Abigail's Problem	Pom-poms
	Flower Petals	Summative Assessment Task: Circles and Stars
	The School Store	
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Illustrative Math: Grade 3

Unit 2: Area and Multiplication

Section A: Concepts of Area Measurement (Lessons 1-4)	Section B: Relate Area to Multiplication (Lessons 5-11)	Section C: Find Area of Figures Composed of Rectangles (Lessons 12-15)
Use tasks from Unit 1.	A Patchwork Design	Use tasks from Unit 2 section B.
	Mathematics Flash Cards	
	Letters for a Bulletin Board	
	Summative Assessment Task: Bookmarks	

Illustrative Math: Grade 3

Unit 3: Wrapping Up Addition and Subtraction Within 1,000

Section A: Add Within 1,000 (Lessons 1-6)	Section B: Subtract Within 1,000 (Lessons 7-12)	Section C: Round Within 1,000 (Lessons 13-16)	Section D: Solve Two-Step Problems (Lessons 17-21)
Use tasks from Unit 1 and/or Unit 2.	Use tasks from Unit 1 and/or Unit 2.	Tables for a Party	Stacking Wood, Burning Wood
		Insects in Jars	Benny the Brick Layer
		Selling Bananas	The Magic Pot
		A Book to Read	Henry's LEGO Structure
		Summative Assessment Task: One Hundred Miles	

Illustrative Math: Grade 3

Unit 4: Relating Multiplication to Division

Section A: What is Division? (Lessons 1-5)	Section B: Relate Multiplication and Division (Lessons 6-11)	Section C: Multiplying Larger Numbers (Lessons 12-17)	Section D: Dividing Larger Numbers (Lessons 18-22)
The Community Fair	Fancy Candle Company Boxes	Bead Shopping	Bracelets to Sell
Pencil Boxes	Rides at Fun Park	Tadpoles for Sale	Walking Dogs
Seventy-Two Legs	Desks	Dimes and Pennies	Planting Seeds
Each Orange Has Eight Slices	Summative Assessment Task: Baskets of Tomatoes	Wildflower Seeds	Summative Assessment Task: Going to a Movie
	Jugglers Juggling	Doggy Treats	A Pail of Pennies
	Picking Tomatoes	Summative Assessment Task: Ben's Poster	
	Wild Turkeys	Soccer Balls on Sale	
	A New Solar System		
	Mary Sells Popcorn		
	Summative Assessment Task: Fishing		

Illustrative Math: Grade 3

Unit 5: Fractions as Numbers

Section A: Introduction to Fractions (Lessons 1-4)	Section B: Fractions on the Number Line (Lessons 5-9)	Section C: Equivalent Fractions (Lessons 10-13)	Section D: Fraction Comparisons (Lessons 14-18)
Slices of Bread	Use tasks from Unit 5 section A.	Pizza Pieces	Who Eats the Most Pie?
Energy Bars		Two Friends	Fraction Strips
Lemon Pie		Cutting Boards	Pages in Books
A Cookie Cake for Sally		Names for the Same	Painting Two Walls
Summative Assessment Task: Waffles		Summative Assessment Task: Ben's Apple Pie	Summative Assessment Task: Pizza For Lunch
Showing One-Fourth			
Sharing Fudge			
Pattern Blocks and Vertices			
Pins			

Illustrative Math: Grade 3

Unit 6: Measuring Length, Time, Liquid Volume, and Weight

Section A: Measurement Data on Line Plots (Lessons 1-5)	Section B: Weight and Liquid Volume (Lessons 6-8)	Section C: Problems Involving Time (Lessons 9-11)	Section D: Measurement Problems in Context (Lessons 12-16)
Pets at Home	Use tasks from Units 4 or 5.	Packing Boxes	Use tasks from Units 4 or 5.
Carrots		Breakfast for Kyle	
		Music Classes	
		An Under-the-Water Hippopotamus	
		Baseball Practice	
		Mindy's Bedtime	
		Summative Assessment Task: Chore Time	

Illustrative Math: Grade 3

Unit 7: Two-dimensional Shapes and Perimeter

Section A: Reason with Shapes (Lessons 1-5)	Section B: What is Perimeter? (Lessons 6-9)	Section C: Expanding on Perimeter (Lessons 10-12)	Section D: Design with Perimeter and Area (Lessons 13-15)
Quadrilaterals	A Shed for Mrs. Harvey	A Guinea Pig for Gracie	A Box Top
Pennies and Straws		Gluing Pipe Cleaners	A Vegetable Garden
A Fun Project		A Flower Garden	A Place to Play
Lines and Dots		Building With Crayons	Summative Assessment Task: Building a Garden
Summative Assessment Task: A Walk to the Park		Summative Assessment Task: A New Bunny	
		A Tomato Garden	
		Larry the Lizard	
		Summative Assessment Task: A Fence for Star	

Illustrative Math: Grade 3

Unit 8: Putting It All Together

Section A: Fraction Fun (Lessons 1-3)	Section B: Measurement and Data (Lessons 4-7)	Section C: Multiplication and Division Games (Lessons 8-11)	Section D: Create and Design (Lessons 12-15)
Use tasks from Unit 5.	Use tasks from Unit 1-Section A; Unit 2; and/or Unit 7-Sections B, C, & D.	Use tasks from Unit 1-Sections A & B; Unit 2; and/or Unit 4.	Use tasks from any of the previous units.

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 Grade 3, for instance, recommends 152–159 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 Grade 3, this could provide up to 17 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 Grade 3 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

Grade 3 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 1: Introducing Multiplication

Lesson	Considerations for Activities to be Substituted	Exemplars Task Options
6	Activity 1-Represent Pattern Blocks Activity 2-Represent More Data in a Scaled Bar Graph	The Math Team Buying Fruit Summative Task: A Read A Book Contest
7	Activity 1-Questions about Favorite Season Activity 2-Questions about Insects in the Garden	The Math Team Buying Fruit Summative Task: A Read A Book Contest

Lesson	Considerations for Activities to be Substituted	Exemplars Task Options
8	Activity 1-New School Year Activity 2-Use Bar Graphs to Solve Problems	The Math Team Buying Fruit Summative Task: A Read A Book Contest
12	Activity 1-Tyler's Boxes Activity 2-Solve Equal Groups Problems	A Problem With Five Ms. Bray's Mathematical Problem
15	Activity 1-Represent Situations with Equations Activity 2-Multiplication Mashup	A Problem With Five Ms. Bray's Mathematical Problem Flower Petals The School Store Three fish limit
19	Activity 1 Array of Colors Activity 2 Tyler's Trees	Pictures in the Hallway Collecting Stickers
20	Activity 1 Learn More about Multiplication Activity 2 Revisit Arrays	Pom-poms Circles and Stars
21	Activity 1 Game Night Activity 2 Game Night on a Graph	Pictures in the Hallway Collecting Stickers Pom-poms Circles and Stars

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.