

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

BUILT FOR THE  
**COMMON CORE**

**Bridges Alignments**  
Grade 4

1. Login to Exemplars Library: [library.exemplars.com](http://library.exemplars.com) with your school e-mail and password
2. Select the 4th Grade Unit you are working on:
  - Unit 1: [Multiplicative Thinking](#)
  - Unit 2: [Multi-Digit Multiplication & Early Division](#)
  - Unit 3: [Fractions & Decimals](#)
  - Unit 4: [Addition, Subtraction & Measurement](#)
  - Unit 5: [Geometry & Measurement](#)
  - Unit 6: [Multiplication & Division, Data & Fractions](#)
  - Unit 7: [Reviewing & Extending Fractions, Decimals & Multi-Digit Multiplication](#)
  - Unit 8: [Playground Design](#)
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.**

## Bridges Math: Grade 4

### Unit 1: Multiplicative Thinking

Module	Common Core State Standard	Exemplars Tasks
Models for Multiplication & Division	3rd grade standards	
Primes & Composites	<a href="#">4.OA.4</a>	<a href="#">Posters</a>
Multiplicative Comparisons & Equations	<a href="#">4.OA.1</a> <a href="#">4.OA.2</a>	<a href="#">Making Cakes</a>
Measurement Experiences	<a href="#">4.MD.1</a>	

## Bridges Math: Grade 4

### Unit 2: Multi-Digit Multiplication & Early Division

Module	Common Core State Standard	Exemplars Tasks
Building Multiplication Arrays	<a href="#">4.NBT.1</a> <a href="#">4.NBT.5</a> <a href="#">4.MD.3</a>	<a href="#">Jigsaw Puzzles</a>
Arrays & Ratio Tables		
Multiplication Stories & Strategies	<a href="#">4.OA.3</a>	
Early Division with Remainders	<a href="#">4.NBT.6</a>	

## Bridges Math: Grade 4

### Unit 3: Fractions & Decimals

Module	Common Core State Standard	Exemplars Tasks
Equivalent Fractions	<a href="#">4.NF.1</a>	
Comparing, Composing & Decomposing Fractions & Mixed Numbers	<a href="#">4.NF.2</a> <a href="#">4.NF.3a</a> <a href="#">4.NF.3b</a> <a href="#">4.NF.3c</a> <a href="#">4.NF.3d</a> <a href="#">4.NF.4a</a> <a href="#">4.NF.4b</a>	<a href="#">A New Rug</a>
Introducing Decimals	<a href="#">4.NF.5</a> <a href="#">4.NF.7</a>	<a href="#">Basketball Practice</a>
Fractions & Decimals	<a href="#">4.NF.6</a>	

## Bridges Math: Grade 4

### Unit 4: Addition, Subtraction & Measurement

Module	Common Core State Standard	Exemplars Tasks
Place Value & the Standard Addition Algorithm	<a href="#">4.OA.3</a> <a href="#">4.NBT.1</a> <a href="#">4.NBT.2</a> <a href="#">4.NBT.3</a> <a href="#">4.NBT.4</a>	<a href="#">A Million Pop Tops</a>
The Standard Subtraction Algorithm		
Measurement	<a href="#">4.MD.1</a> <a href="#">4.MD.2</a>	<a href="#">Babysitting Earnings</a>
Measurement & Data Displays		

## Bridges Math: Grade 4

### Unit 5: Geometry & Measurement

Module	Common Core State Standard	Exemplars Tasks
Measuring Angles	<a href="#">4.MD.5</a> <a href="#">4.MD.5a</a> <a href="#">4.MD.5b</a> 4.MD.6	
Polygons & Symmetry	4.G.1 <a href="#">4.G.2</a> <a href="#">4.G.3</a>	<a href="#">Making Geometric Shapes</a>
Area & Perimeter	<a href="#">4.NF.1</a> <a href="#">4.NF.3c</a> <a href="#">4.NF.6</a> <a href="#">4.MD.4</a>	
Angles in Motion	<a href="#">4.MD.7</a>	<a href="#">Finding the Angles</a>

## Bridges Math: Grade 4

Unit 6: Multiplication & Division, Data & Fractions

Module	Common Core State Standard	Exemplars Tasks
Multiplication & Division Strategies	<a href="#">4.OA.3</a> <a href="#">4.NBT.5</a> <a href="#">4.NBT.6</a>	<a href="#">A Field Trip</a>
Revisiting Area & Perimeter	<a href="#">4.MD.3</a>	<a href="#">A Garden for Polly</a>
Line Plots, Fraction & Division	<a href="#">4.NF.1</a> <a href="#">4.NF.3c</a> <a href="#">4.NF.6</a> <a href="#">4.MD.4</a>	
More Division	<a href="#">4.OA.3</a> <a href="#">4.NBT.6</a>	



## Bridges Math: Grade 4

Unit 7: Reviewing & Extending Fractions, Decimals & Multi-Digit Multiplication

Module	Common Core State Standard	Exemplars Tasks
Comparing Fractions & Writing Equivalent Fractions	<a href="#">4.NF.1</a> <a href="#">4.NF.2</a> <a href="#">4.NF.5</a> <a href="#">4.NF.6</a> <a href="#">4.NF.7</a>	<a href="#">Tangram Challenge</a>
Decimals & Decimal Fractions		
Introducing the Standard Multiplication Algorithm	<a href="#">4.OA.3</a> <a href="#">4.NBT.5</a>	<a href="#">A Brick Sidewalk</a>
Extending the Standard Multiplication Algorithm		

## Bridges Math: Grade 4

### Unit 8: Playground Design

Module	Common Core State Standard	Exemplars Tasks
Introducing Playground Design		
Making Decisions	4.G.1 <a href="#">4.MD.4</a> <a href="#">4.MD.2</a> <a href="#">4.MD.3</a>	<a href="#">African Elephants</a>
Using Scale Models for Our Playground & Field	4.MD.5 4.MD.6	<a href="#">Xeno, the Xylophone Maker</a>
Building Model Playgrounds		