

Bluebonnet Learning Alignments
Fifth Grade



- 1. Login to Exemplars Library: library.exemplars.com with your school e-mail and password
- 2. Select the Fifth Grade Unit you are working on:
 - Module 1: Place Value and Decimal Fractions
 - Module 2: <u>Multi-Digit Whole Number and Decimal Fraction Operations</u>
 - Module 3: Addition and Subtraction of Fractions
 - Module 4: <u>Multiplication and Division of Fractions</u>
 - Module 5: <u>Addition and Multiplication with Volume and Area</u>
 - Module 6: Problem Solving with the Coordinate Plane and Data
- 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.

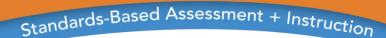
** Note: You must be logged into the Exemplars Library to access the tasks in this document.





Module 1: Place Value and Decimal Fractions

| Topics | TEKS Standard | Exemplars Tasks |
|--|----------------------|---|
| Multiplicative Patterns on the Place Value Chart | 5.2A 57A | |
| Decimal Fractions and Place Value Patterns | 5.2A 5.2B | |
| Place Value and Rounding Decimals | 5.2C | Phoning New Friends (Formative) Laundry Dilemma |
| Adding and Subtracting Decimals | 5.3K | (Formative) <u>Ms. Harley Rides to School</u> (Summative) |
| Multiplying Decimals | 5.3A 5.3D 5.3E | |
| Dividing Decimals | 5.3F 5.3G 5.3K | |





Module 2: Multi-Digit Whole Number and Decimal Fraction Operations

| Topics | TEKS Standard | Exemplars Tasks |
|---|--------------------------------------|--|
| Prime and Composite Numbers | 5.4A | |
| Mental Strategies for Multi-Digit Whole Number Multiplication | 5.3A 5.3B | <u>Buttons for a Craft Project</u> (Formative) |
| The Standard Algorithm for Multi-Digit Whole Number Multiplication | 5.3A 5.3B 5.4B 5.4E 5.4F | Paulo's Monthly Salary (Formative) Popsicle Party (Summative) |
| Decimal Multi-Digit Multiplication | 5.3A 5.3D 5.3E | |



Module 2: Multi-Digit Whole Number and Decimal Fraction Operations

| Topics | TEKS Standard | Exemplars Tasks |
|---|------------------------------|--|
| Measurement Word Problems with Whole Number Decimal Multiplication | 5.3B 5.3D 5.3E 5.7A | |
| Mental Strategies for Multi-Digit Whole Number Division | 5.3A 5.3C | Buttons for a Craft Project (Formative) |
| Partial Quotients and Multi-Digit Whole Number Division | 5.3C | <u>Paulo's Monthly Salary</u> (Formative) |
| Partial Quotients and Multi-Digit Decimal Division | 5.3F 5.3G | <u>Popsicle Party</u> (Summative) |
| Measurement Word Problems With Multi-Digit Division | 5.3C 5.3F 5.3G 5.4B | |



Module 3: Addition and Subtraction of Fractions

| Topics | TEKS Standard | Exemplars Tasks |
|-------------------------------|----------------------|---|
| Making Like Units Pictorially | 5.3H 5.3K | <u>Lots of Cake</u> (Formative) |
| Making Like Units Numerically | 5.3H 5.3K | Working (Formative) Stuffed with Pizza (Summative) |
| Further Applications | 5.3A 5.3H 5.3K | |



Standards-Based Assessment + Instruction

Bluebonnet: Fifth Grade

Module 4: Multiplication and Division of Fractions

| Topics | TEKS Standard | Exemplars Tasks |
|---|--|-----------------------------------|
| Repeated Addition of Fractions as Multiplication | 5.3I 5.9A 5.9C | |
| Multiplication of a Whole Number by a Fraction | 5.3I 5.7A | |
| Fraction Expressions and Word Problems | 5.3I 5.4E 5.4F 5.7A | A Steak Barbecue (Formative) |
| Division of Fractions | 5.3J 5.3L | Squirrel Babies Formative) |
| Applying Fraction and Decimal Multiplication to Personal Financial Literacy | 5.10A 5.10B 5.10C 5.10D 5.10E 5.10F | Bows for Gift Baskets (Summative) |
| Interpretation of Numerical Expressions | 5.4E 5.4F | |





Module 5: Addition and Multiplication with Volume and Area

| Topics | TEKS Standard | Exemplars Tasks |
|--|------------------------------|---|
| Concepts of Volume | 5.4G 5.6A 5.6B | Filling an Old Swimming Pool (Formative) |
| Volume and the Operations of Multiplication and Addition | 5.4G 5.4H 5.6A 5.6B | Cereal Box Display (Summative) |
| Area of Rectangular Figures with Fractional Side Lengths | 5.3I 5.4H | |
| Drawing, Analysis, and Classification of Two-Dimensional Shapes | 5.5A | <u>Tangram Shapes</u> (Formative) |



Module 6: Problem Solving with the Coordinate Plane and Data

| Topics | TEKS Standard | Exemplars Tasks |
|---|--|---|
| Coordinate Systems | 5.8A 5.8B 5.8C | Planning a Soccer Field |
| Patterns in the Coordinate Plane and Graphing Number Patterns from Rules | 5.4C 5.4D 5.8C | (Formative) |
| Data Representation and Analysis | 5.9A 5.9B 5.9C | Bamboo and the Botanist (Formative) Cargo Barges (Summative) |
| Multi-Step Word Problems | 5.3D 5.3E 5.3F 5.3G 5.3I 5.3K 5.3L 5.4H | At the Mall (Formative) Planning a Soccer Field (Formative) Herds of Cattle (Summative) |