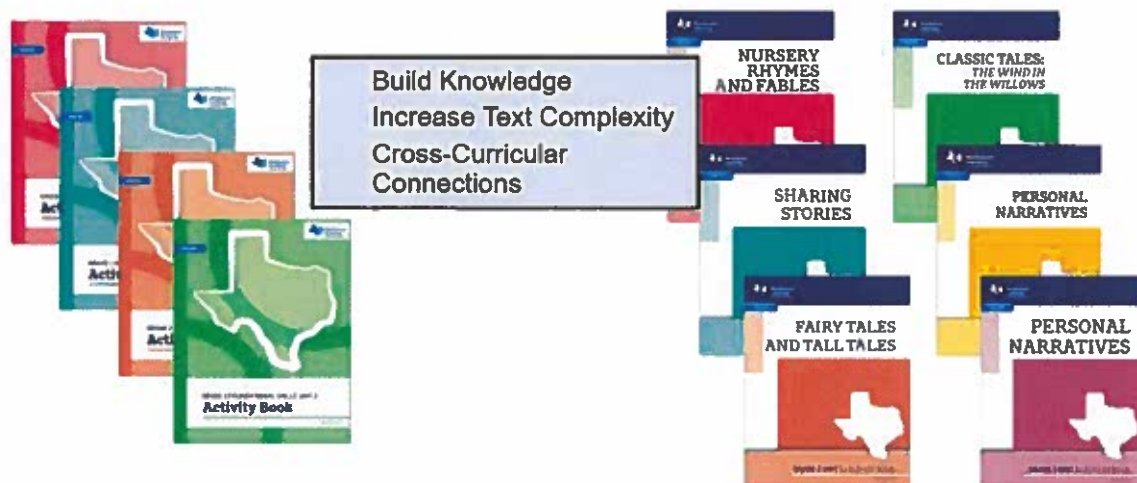


K-3 Foundational Skills

K-5 Reading Language Arts (RLA)



8

Knowledge Map with Subject Area Focus Bluebonnet Learning Edition 1 K-5 RLA

■ Literary
■ Science
■ Social Studies

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	
1	Nursery Rhymes & Fables	Sharing Stories	Fairy Tales and Tall Tales	<i>The Wind in the Willows</i>	Personal Narratives	Personal Narratives	1
2	The Five Senses	The Human Body	The Ancient Greek Civilization	Animal Classification	Eureka!	The Renaissance	2
3	Fairy Tales and Folktales	Early American Civilization	Stories of the Ancient Greeks	The Human Body	<i>Letters from Heaven</i>	Early American Civilizations	3
4	Plants	Astronomy	The War of 1812	Ancient Rome	The Middle Ages	<i>Don Quixote</i>	4
5	Farms	This Planet Rocks	Cycles of Nature	Exploring Sight and Sound	American Revolution	Poetry	5
6	Colonial & Native Americans	Animals and Habitats	Insects	Astronomy	<i>Treasure Island</i>	<i>Midsummer Nights Dream</i>	6
7	Serving Our Neighbors	Fairy Tales	The US Civil War	Native American Cultures	Poetry	World War II	7
8	Kings and Queens	American Independence	The Human Body	Early Explorations of N America	Geology	Chemical Matter	8
9	Seasons and Weather	Frontier Explorers	Land of Opportunity	Colonial America	Energy	Juneteenth and Beyond	9
10	America: Our Great Country	Adventure Stories	Fighting for a Cause	All That Jazz	Novel: <i>Number the Stars</i>	Novel: <i>Lion, Witch, and Wardrobe</i>	10
11	Exploring Art	N/A	Flight Story of Aviation	N/A	N/A	N/A	11

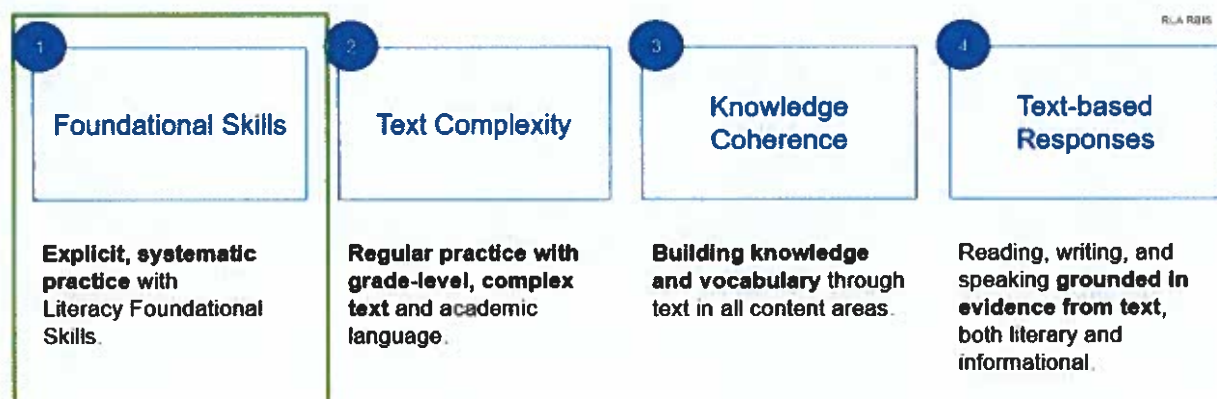
Knowledge Map with Subject Area Focus

Bluebonnet Learning Edition 1 K–5 RLA

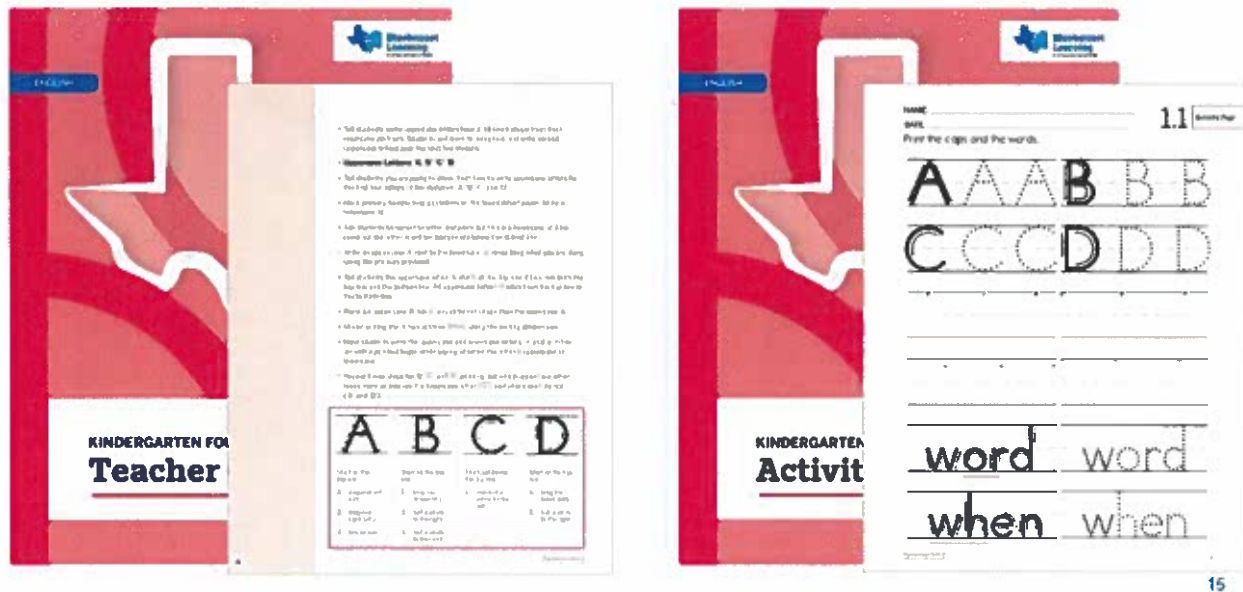


	Kinder	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	
1	Nursery Rhymes & Fables	Sharing Stories	Fairy Tales and Tall Tales	<i>The Wind in the Willows</i>	Personal Narratives	Personal Narratives	1
2	The Five Senses	The Human Body	The Ancient Greek Civilization	Animal Classification	Eureka!	The Renaissance	2
3	Fairy Tales and Folktales	Early American Civilization	Stories of the Ancient Greeks	The Human Body	<i>Letters from Heaven</i>	Early American Civilizations	3
4	Plants	Astronomy	The War of 1812	Ancient Rome	The Middle Ages	<i>Don Quixote</i>	4
5	Farms	This Planet Rocks	Cycles of Nature	Exploring Sight and Sound	American Revolution	Poetry	5
6	Colonial & Native Americans	Animals and Habitats	Insects	Astronomy	<i>Treasure Island</i>	<i>Midsummer Night's Dream</i>	6
7	Serving Our Neighbors	Fairy Tales	The US Civil War	The Frontier	Poetry	World War II	7
8	Kings and Queens	American Independence	The Human Body	Early Explorations of N America	Geology	Chemical Matter	8
9	Seasons and Weather	Frontier Explorers	Land of Opportunity	Colonial America	Energy	Juneteenth and Beyond	9
10	America: Our Great Country	Adventure Stories	Fighting for a Cause	All That Jazz	Novel: Number the Stars	Novel: <i>Lion, Witch, and Wardrobe</i>	10
11	Exploring Art		Flight Story of Aviation				11

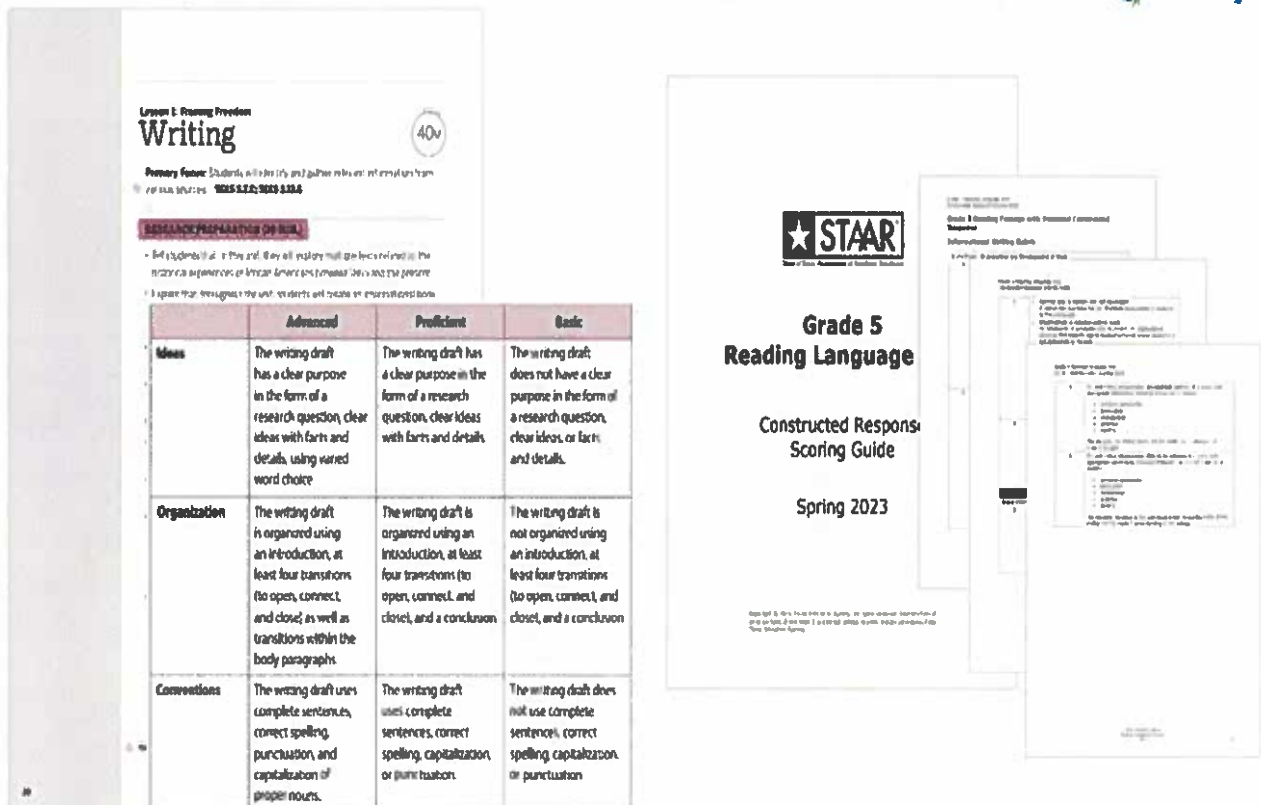
Aligned to the RLA Research-Based Instructional Strategies



Explicit Practice with Handwriting and Letter Formation



Rubrics Aligned to STAAR-Constructed Response Scoring



Mathematics

1	2	3	4
Balance Conceptual and Procedural	Depth of key concepts	Coherence of Key Concepts	Productive Struggle
Pursue rigor by balancing conceptual understanding, procedural skill and fluency. Apply this balanced understanding to mathematical applications as required by the standards in the TEKS.	Focus on math content that aligns to and meets the rigor of the TEKS for each grade level, while concentrating time and effort on going deep on the most important topics for the grade level.	Connect concepts within and across grades along a strategic progression of learning so that new understandings are built on previous foundations. Mathematics tells a continuous, connected story.	Students engage in productive problem solving, engaging in multiple opportunities for practice, discussion, representations, and writing that requires them to explain and revise their thinking.

Mathematics RBIS

Texas OER Edition 1 K–5 Math (Levels of Revision)

No topic revisions; minimal lesson-level content revisions and/or one lesson has been added or removed to the topic

Topic-level revisions and/or one or more lessons in that the module is updated, new, and/or removed

New module to Texas OER Edition 1

	Kinder	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	
1	Numbers to 10	Sums and Differences to 10	Sums and Differences to 10	Properties of Multiplication & Division & Solving Problems with Units of 2-5 and 10	Place Value Rounding, and Algorithms for Addition and Subtraction	Place Value and Decimal	1
2	Two- and Three- Dimensional Shapes	Intro to Place Value through Addition and Subtraction Within 20	Addition and Subtraction of Length Units	Place Value and Problem Solving with Units of Measure	Unit Conversion and Problem Solving with Metric Measurement	Multi-Digit Whole Number and Decimal Operations	2
3	Comparison of Length, Weight, Capacity Numbers to 10	Ordering and Comparing Length Measurements and Numbers	Place Value, Counting, and Comparison of Numbers to 1,200	Multiplication and Division with Units of 0, 1, 6-9, and Multiples of 10	Multi-digit Multiplication and Division	Addition and Subtraction of Fractions	3
4	Number Pairs, Addition and Subtraction to 10	Place Value, Comparison, Addition and Subtraction 10-40	Addition and Subtraction within 200 with Word Problems to 100	Multiplication and Area	Angle Measure and Plane Figures	Multiplication and Division of Fractions	4
5	Numbers 10-20, Counting to 100 and Subtracting Work	Identifying, Composing and Partitioning Shapes	Addition and Subtraction within 1,000 with Word Problems to 1,000	Fractions and Numbers on the Number Line	Fraction Equivalence, Ordering and Operations	Addition and Multiplication with Volume and Area	5
6	Analyzing, Composing and Partitioning Shapes	Place Value, Comparison, Understanding Income with Addition and Subtraction to 100	Foundations of Multiplication, Division and Area	Financial Literacy and Data	Introduction to Decimal and Financial Literacy	Problem Solving with the Coordinate Plane	6
7	N/A	N/A	Problem Solving with Length, Money and Data	Geometry and Measurement Word Problems	Exploring Measurement with Multiplication and Data	N/A	7
8	N/A	N/A	Time, Shapes, and Fractions as Equal Parts of Shapes	N/A	N/A	N/A	8

Texas OER Edition 1 6–8 Math (Levels of Revision)

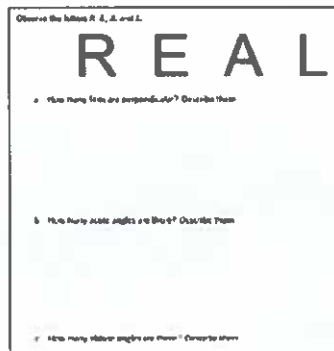
	No topic revisions; minimal lesson-level content revisions and/or one lesson has been added or removed to the topic
	Topic-level revisions and/or 3 or more lessons within the module or topic are new and/or removed

	Grade 6	Grade 7	Grade 8	Algebra 1 (Grade 8)	
1	Computing and Decomposing	Thinking Proportionally	Transforming Geometric Objects	Searching for Patterns	1
2	Relating Quantities	Applying Proportionality	Developing Function Foundations	Exploring Constant Change	2
3	Moving Beyond Positive Quantities	Reasoning Algebraically	Data Data Everywhere	Modeling Linear Equations and Inequalities	3
4	Determining Unknown Quantities	Analyzing Populations and Probabilities	Modeling Linear Equations	Investigating Growth and Decay	4
5	Describing Variability of Quantities	Constructing and Measuring	Applying Powers	Maximizing and Minimizing	5



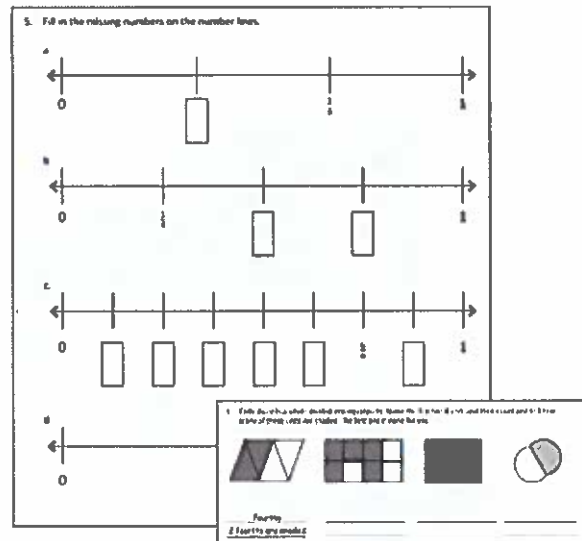
- Multiple choice
- Multiple select
- Text entry/equation editor
- Graphing
- Inline choice
- Hot spot
- Drag-and-drop
- Fractional model

Math Problem Sets and Application Problems Prepare Students for STAAR-Like Questions



One ninth of the students in Mr. Beck's class list red as their favorite color. Twice as many students call blue their favorite, and three times as many students prefer pink. The rest name green as their favorite color. What fraction of the students say green or pink is their favorite color?

Extension: If 6 students call blue their favorite color, how many students are in Mr. Beck's class?

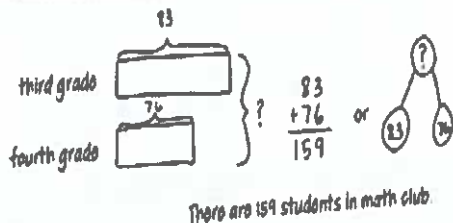


Lesson Structure

Application Problems

Application Problem (10 minutes)

Math club is offered to all third and fourth graders. There are 83 third graders and 76 fourth graders in math club. How many total students are in math club?



Note: Students may choose to use a strip diagram or a number bond to model the problem. They are also likely to solve today's Application Problem in less than 10 minutes. Ten minutes have been allotted to allow for review of the Read-Draw-Write (RDW) process for problem solving.

Directions on the Read-Draw-Write (RDW) process: Read the problem, draw and label, write an equation, and write a word sentence. The more students participate in reasoning through problems with a systematic approach, the more they internalize those behaviors and thought processes.

A more complete explanation can also be found in the Grade 3 Module 1 Overview.

Student Debrief

Student Debrief (10 minutes)

Lesson Objective: Understand equal groups of in multiplication.

The Student Debrief is intended to invite reflection and active processing of the total lesson experience.

Invite students to review their solutions for the Problem Set. They should check work by comparing answers with a partner. Look for misconceptions or misunderstandings that can be addressed in the Debrief. Guide students in a conversation to debrief the Problem Set and process the lesson.

Any combination of the questions below may be used to lead the discussion.

- On the first page, what did you notice about the answers to your problems?
- Discuss the relationship between repeated addition and the unit form 2 groups of three or 3 groups of two, depending on the drawing.
- Discuss the relationship between repeated addition, unit form, and the multiplication sentence $3 \times 2 = 6$.
- Review the new vocabulary presented in the lesson: equal groups, multiplication, and multiply.

