



Common Core
Progress ™
K-8

MATHEMATICS

ENGLISH LANGUAGE ARTS

MOVING
Students
FORWARD

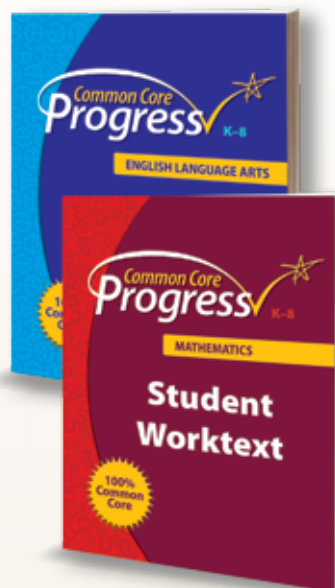
Moving Students Forward...

- ...with their knowledge of Common Core State Standards (CCSS)
- ...for gains on the new Common Core assessments
- ...as they prepare for college and their careers

A new comprehensive program created to address every Common Core State Standard with depth and rigor, building a foundation of college and career readiness. The proven, consistent instructional design with multiple, effective implementation models gives teachers the necessary tools and students the practice they need to achieve success.

Common Core Progress supports teachers in more effectively preparing for the 2014–2015 Common Core assessments and life.

- Comprehensive, easy-to-use worktexts ensure students master *all* the English Language Arts and Mathematics Common Core State Standards.
- Four benchmark assessments throughout the year gauge students' grasp of key concepts.
- Multiple formative assessment opportunities in print and online, including performance-based assessment, provide measurable evidence of progress for targeted CCSS.
- A balance of instruction and test readiness provides the ultimate flexibility with any curriculum.
- Online digital resources in the form of interactive whiteboard and homework activities reinforce each lesson.
- The robust *iProgress Monitor*, a Web-based test generator, enables customized practice pages and tests based on specific Common Core State Standards.
- Affordably priced!



Student Worktext

- Comprehensive coverage of CCSS
- Easy-to-follow lesson design
- Consumable



iProgress Monitor

- Pre-formatted tests with customizable options
- Real-time scoring
- Record-keeping for progress monitoring and reporting

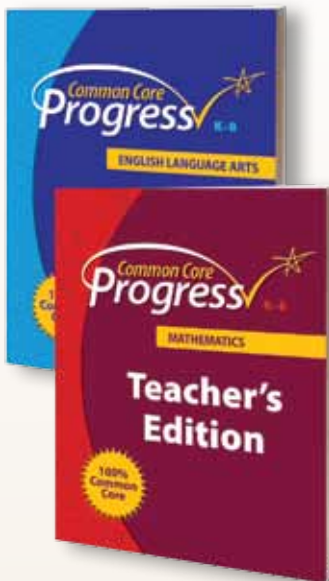
Common Core Progress

K-8

MATHEMATICS

ENGLISH LANGUAGE ARTS

Moving Students Forward...



Teacher's Edition

- CCSS background notes at point-of-use
- Reduced student pages
- Classroom management guide



Assessment

- 4 benchmark performance assessments
- Multiple-choice, short-answer, extended response, and essay items



Web-based Teacher Resources

- Interactive whiteboard lesson activities
- Additional practice
- Homework assignments
- **iWords** audio program

Common Core Progress Mathematics

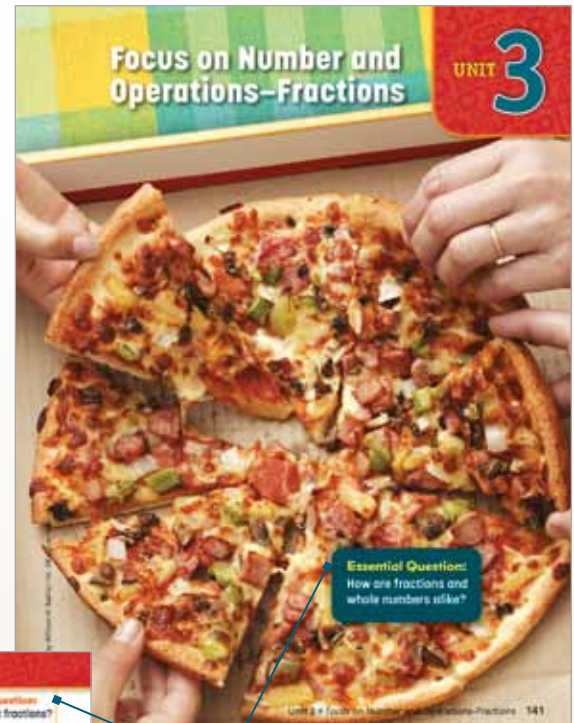
With *Common Core Progress Mathematics*, every grade level has comprehensive coverage of the Common Core Math Standards. Students build understanding of key concepts through clearly-stated models and examples, practice the concepts through a series of multi-step exercises graduated in degree of difficulty, and apply the concepts to real-world problems.

Common Core Progress Mathematics
Student Edition, Grade 3

Grade 3 Contents		COMMON CORE STATE STANDARDS CCSS
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Unit Performance Task	ONLINE	

Units are organized around the CCSS Domains, show a clear progression of skills, and end with **Standards Reviews** and **Performance-based Tasks**.

Engaging and relevant, **Unit Openers** make connections between math and the real world.



A series of **Understand** presentations lead students to make connections to help answer the lesson's Essential Question.

Academic Vocabulary is strategically used to teach the lesson.

Standards for Mathematical Practice are embedded in every lesson.

Lesson 16 Understand Unit Fractions as Quantities

Essential Question: What are unit fractions?
CCSS.M3.NF.1

Words to Know: fraction, numerator, denominator, unit fraction

Guided Instruction

In this lesson you will learn about fractions and unit fractions.

Understand: The meaning of a unit fraction

For art class Jenna partitions a square into fourths in different ways. Then she shades one part of each square. Here are the pictures Jenna drew.

What number names the shaded part of each figure?

A **fraction** is a number that describes parts of a whole. A fraction takes the form of:

$$\frac{\text{numerator}}{\text{denominator}}$$

numerator: Tells how many equal parts you are talking about or how many are shaded.
denominator: Tells how many equal parts are in the whole.

Look at the squares above. Each square has 1 equal part shaded. $\frac{1}{4}$
Each square has 4 equal parts.

A fraction that shows 1 equal part of a whole is called a **unit fraction**. A unit fraction has 1 as the numerator.

$\frac{1}{4}$ is a unit fraction.
Read $\frac{1}{4}$ as "one-fourth."
 $\frac{1}{4}$ names the shaded part of each figure.

Remember! Fourths mean 2 whole partitioned into four equal parts.

142 Unit 3 • Focus on Number and Operations—Fractions

Lesson 18 Understand Unit Fractions as Quantities

Guided Instruction

Connect: What you know about unit fractions

Mr. Smith buys poster board for his daughter, Jill. He partitions the poster board into equal parts. Jill paints one of the parts. Use the drawing to name the fraction that represents the part of the poster board Jill painted.

To name the fraction identify the numerator and the denominator.

Now: Identify the denominator. Count the number of equal parts in the whole poster board. There are 6 equal parts in the whole poster board. So the denominator of the fraction is 6.

Remember! The denominator tells how many equal parts are in the whole.

Content is focused around **Essential Questions** on both the Unit and Lesson levels.

Lesson 16 Understand Unit Fractions as Quantities

Independent Practice

Each figure represents one whole. Write the unit fraction which represents the shaded part of each figure.

1. 2. 3.

4. Which model represents the fraction $\frac{1}{3}$?

5. Which fraction represents the shaded part of the circle?

146 Unit 3 • Focus on the Standards for Mathematical Practice

Practice pages provide students with an abundance of rigorous practice that require students to use their critical-thinking skills, apply their math knowledge, and perform cognitively demanding tasks.

More Practice! www.illustrativemathematics.org

Lesson 16

Independent Practice

Partition each figure into the given equal parts. Shade one part. Then write the fraction for the shaded part.

6. 3 equal parts

7. 4 equal parts

Answer _____

Partition a square into three equal parts. Write the fraction that _____

Additional **Online Resources** support the learning process.

Lesson 16 Understand Unit Fractions as Quantities

Independent Practice

11. Compare your drawings from exercises 9 and 10 with a partner. How are they alike? How are they different?

12. Write two unit fractions. How are they alike? How are they different?

Solve the problems.

13. Steve writes a letter to his grandparents. He folds the paper into 6 equal parts. He draws a picture on 1 part. What fraction of the paper does Steve draw on?

Show your work.

Answer _____

14. Mina has a rope. She wants to cut it into 8 equal parts. What fraction of the rope will each part be?

Show your work.

Think/Pair/Share

Explain your reasoning.

8. Aral says that $\frac{1}{2}$ of a rectangle is shaded. Candice says that $\frac{1}{3}$ of a rectangle is shaded. Explain why both students' answers could be correct.

Think-Pair-Share features motivate students and promote higher-level thinking.

There are many opportunities throughout a Unit to monitor students' progress toward the Common Core State Standards.

UNIT 3 Common Core Review

1a. Circle each figure with a shaded part that can be named with a unit fraction.

1b. Choose a figure above that does not have a shaded part that can be named with a unit fraction.

2. Partition the square into 8 equal parts by writing a fraction.

Each part is _____ of the square.

3. Denise makes a flag for her soccer team. What fraction of the flag has stripes? What fraction of the flag has just one color?

Denise's Flag

Stripes: _____
One color: _____

206 Unit 3 • Focus on Number and Operations-Fractions

Progress Check

Look at how the Common Core standards you have learned and will learn next. It is very important for you to understand the standards from the prior grade level so that you will be able to develop an understanding of the activities in this unit and be prepared for next year. To practice your skills, go to www.illustrativemathematics.org.

GRADE 2	GRADE 3	GRADE 4
2.G.3 Partition shapes into two, three, or four equal shares. Describe equal shares as halves, thirds, or fourths.	3.NF.1 Understand that fractions name equal parts of a whole. Understand the meaning of the numerator of a fraction. Understand the meaning of the denominator of a fraction.	4.NF.3 Add and subtract fractions with like denominators. Add and subtract mixed numbers with like denominators.
2.MD.4 Compare lengths using a standard unit.	3.NF.2 Represent unit fractions on a number line. Represent fractions on a number line.	4.NF.4 Multiply a fraction by a whole number. Solve word problems by multiplying a fraction by a whole number.
	3.NF.3 Find equivalent fractions, for example, $\frac{1}{2} = \frac{2}{4}$. Represent whole numbers as fractions, for example, $3 = \frac{3}{1}$.	4.NF.1 Explain why fractions are equivalent.
	3.NF.3 Compare fractions with the same numerators, for example, $\frac{1}{4} > \frac{1}{5}$. Compare fractions with the same denominators, for example, $\frac{1}{4} = \frac{1}{4}$.	4.NF.2 Compare two fractions with different numerators and different denominators.
		4.NF.5 Express a fraction with a

Unit 3 Performance Task

The Art Wall: In this task you'll help Jack start a collection of stadium posters for his room. You will help him figure out the cost of the posters. Then you'll help him decide how to hang the posters in his room.

the Posters

Posters at the sporting goods store. The cost of the posters is listed below. The frames for the posters are \$5.50 each with tax.

Posters: _____
Frames: _____

Jack has to earn. Round your answer to the nearest dollar.

Jack will have to work by filling in the number of hours in the table.

4	5	6	7	8	9	10
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Common Core Progress English Language Arts

Common Core Progress English Language Arts provides comprehensive coverage of reading, writing, speaking and listening, and language standards in succinct easy to follow lessons. Increasingly challenging, authentic texts provide depth to each standard taught in an engaging, magazine-like design.

Common Core Progress English Language Arts Student Edition, Grade 3

Every Unit Opener's **Essential Question** asks students to focus on a Big Idea when reading each selection.

HOME CONNECT...

In this unit your child will:

- Read about extreme weather conditions.
- Learn and use the vocabulary of climate science.
- Use key words, sidebars, and hyperlinks to help comprehension.
- Establish his or her own point of view about extreme weather.
- Learn new academic words in context.

WAYS TO HELP YOUR CHILD

- Discuss his or her understanding of weather and the conditions leading up to it.
- Discuss the weather in your local environment.
- Keep a weather log.

CCSS STANDARDS

- Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area. **RI.3.4**
- Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently. **RI.3.5**
- Distinguish their own point of view from that of the author of a text. **RI.3.6**

All about these standards

To meet these standards, students should be able to understand general academic and content area words in third grade texts. They must use features commonly found in informational texts, such as key words, sidebars, and computer hyperlinks to locate important information.

Moreover, students should be able to distinguish their own point of view as separate from the author's point of view.

Activity: Plan a weather reading project for your child.

Together, as a unit, search an extreme weather. Choose one weather event and look for relevant articles, news stories, and scientific facts. Read and discuss them together. Create a fact list about the weather event.

For more Home Connect activities, continue online at www.commoncoreprogress.com

148 Unit 7 • Reading Informational Text: Craft and Structure

UNIT 7

Reading Informational Text: Craft and Structure

Essential Question: How can an author present informational text effectively?

Determining Word Meanings 150

Using Text Features 156

Strategizing Point of View 162

Independent Reading 166

Support Answer Keys 172

Language Multiple Meaning Words 176

Common Core Review 179

Unit 7 • Reading Informational Text: Craft and Structure 149

The **Home Connect** gives parents the support to understand the CCSS and assist their children with mastering the standards.

Each Unit follows the **Gradual Release of Responsibility** Instructional model with: Guided Instruction, Guided Practice, Independent Practice

CRAFT AND STRUCTURE

Guided Instruction

WORDS TO KNOW

atmosphere
desert
missile
officials

Point of view is an author's opinion about a topic. A reader may agree or disagree with an author's point of view. For example, an author might say, "Students should never watch TV." The reader might think, "I disagree. It's okay to watch some TV on weekends."

CITE EVIDENCE

Paragraph 1 tells what the author thinks people should do when there is a storm warning. Underline text that explains the author's point of view.

Authors include facts to support their point of view. Paragraph 3 contains the author's point of view that students are angry. Underline

Twirling Tornadoes

1. Before a tornado appears, a ground meets cold air higher. The two masses of air push a circular motion. Then they form a tornado. It picks up in its path. Tornadoes have e

CRAFT AND STRUCTURE

Independent Practice

WORDS TO KNOW

conserving
faucets

CITE EVIDENCE

Underline the sentence in paragraph 1 that summarizes the author's point of view.

Make a star next to the paragraph with facts that support the sentence you underlined in paragraph 1.

The Great Flood
(Genre: Magazine Article)

1. The worst flood in the United States took place in 1993. It is known as "The Great Flood of 1993." It rained for five months, causing the Mississippi and Missouri rivers to overflow. This resulted in flooding across nine states.

Too Much Rain

2. **Leaves** stand along the sides of the rivers and keep the river water from going into nearby towns. This time, there was too much rain. Water went over the first **barrier** on June 7. Seventy-five towns were soon submerged. Garbage

FLOOD FACTS

- 50 people died in the Great Flood of 1993.
- The flood cost the area \$20 billion.
- 20 million acres of crops were destroyed.

Stop the Droughts!
(Genre: Editorial)

1. Our state is currently in the middle of the third worst drought in history. Our land is drying up. Plants and animals are dying. People must change their behavior so that we can end this crisis soon.

2. Droughts happen when the earth is very dry. Because we depend on the water cycle to keep the earth wet, it's a problem when there is not enough rain. Things get worse when high temperatures dry out the land fast. Plants can't grow, and animals don't have enough to eat or drink. Without them, people have no food.

3. The weather is not completely to blame.

CRAFT AND STRUCTURE

Dust Bowl Disaster
(Genre: Personal Narrative)

1 My name is Jack Blanchard. I'm an elderly man now, but I'll never forget my childhood during the Dust Bowl. In 1925, my family moved to the Texas Panhandle. I was just 5 years old then. My parents dreamed of farming on their own land, so they bought a farmhouse with acres and acres of land. In a few years, they had transformed the land into great wheat fields. With the profits from the wheat, they were able to buy cows and chickens, too. We were real pioneers!

2 But the good times did not last long. By 1930 a severe drought turned the rich fields to sand and dust. The earth cracked and split open. Nothing would grow, not even weeds. Thick, choking dust covered everything.

3 Back then I was just a young boy. I lived with my parents, grandpa, and five sisters. We were simple people who worked long hours, seven days a week. My sisters and I would wake up early before school to milk the cows or plough the fields. We took time off only to go to church on Sunday.

168 Unit 7 • Reading Informational Text: Craft and Structure

Each unit includes an **Independent Reading** for students to apply recently taught standards and build reading stamina.

Connect Across the Texts helps students compare and contrast different types of texts using the most important points and key details.

CONNECT ACROSS TEXTS

Compare and Contrast Texts

In this unit, you read about hurricanes and tornadoes, floods, droughts, and an important event known as the Dust Bowl. Think about what you learned from these four texts. Then choose two of the texts and compare and contrast them using the Venn diagram below. List key details and important points from the texts to show the similarities and differences between them. Be prepared to discuss your ideas with your class.

Return to the Essential Question

How can an author present informational text effectively?

In small groups or as a class, discuss the Essential Question. Think about what you have learned about word meanings, text features.

173

UNIT 7. COMMON CORE REVIEW

Read the following passage in which vocabulary words, text features, and author's point of view appear. Then answer the questions on pages 175 and 176.

Thanks, No Turkey for Me!

Tad Gets a Turkey

Every Thanksgiving the United States President pardons a turkey. Did you know that the roots of this charming tradition go all the way back to 1863? President Abraham Lincoln was in office. His son, 10-year-old Tad Lincoln, was a lively boy with a love of animals. The Lincoln family had received a live turkey to be eaten for Christmas dinner. Tad soon fell in love with the feathery fellow. He named the turkey Jack. The turkey followed Tad around.

A Pardon

Tad began to dread the arrival of Christmas. So he went to his father. Lincoln always made time for Tad, even during the Civil War. Tad told his father he did not want Jack to be their Christmas dinner. President Lincoln listened to Tad. He agreed, and excused Jack from death. He wrote the excuse on a piece of paper and handed it to his son. This touching event is remembered fondly every year at the White House. To read more about this incident, go to <http://blogs.smithsonianmag.com/tad-lincoln/>.

Fill in the circle next to the choice that best completes the sentence.

1. What phrase in paragraph 1 is a clue to the meaning of roots?

United States President
 charming tradition
 back to 1863
 in office

2. Another word for tradition is

office.
 beginning.
 meal.
 custom.

175

Standards Reviews follow each Unit to determine students' level of mastery of standards taught in the Unit.

Text Type and Purposes: Write Opinion Pieces

UNIT 2

Essential Question:
How do authors support their opinions?

Write Opinion Pieces

- Language: Subject-Verb Agreement 42
- Pronoun-Antecedent Agreement 48
- Language: Simple Sentences, Compound Sentences, Complex Sentences 47-49
- Speaking and Listening 50
- Common Core Review 51-56

Each **Writing Unit** covers selected Language and Writing Standard with Guided Instruction, Guided Practice, and Independent Practice.



Highlights

1	Price —Affordably priced!
2	Format —Flexible for use with: <ul style="list-style-type: none"> • Entire Class • Small Group Instruction • Support for Individual Students • Preparation for new State Assessments
3	Standards —100% Common Core! <i>Common Core Progress</i> provides comprehensive coverage of the Common Core State Standards for English Language Arts and Mathematics.
4	Curriculum — <i>Common Core Progress</i> combines solid content with pedagogically-sound lesson design, which simplifies the instructional process. <p><i>Common Core Progress English Language Arts</i></p> <ul style="list-style-type: none"> • Integrates all Reading, Writing, Speaking and Listening, and Language Standards • Allows students to respond to text and modeled passages • Provides practice with citing evidence and supporting conclusions • Includes lessons that focus on skills related to each reading selection <p><i>Common Core Progress Mathematics</i></p> <ul style="list-style-type: none"> • Builds understanding of key mathematical concepts and develops academic vocabulary • Models mathematics with real-world problems so that students make sense of math • Integrates the Standards for Mathematical Practice into every lesson • Provides opportunities for students to share their thinking and reason mathematically
5	Instruction —Focused and coherent, instructional models meet the depth and rigor requirements of Common Core. Simple to teach, easy to learn.
6	Practice —An abundance of structured practice leads students to fully understand and become confident with the Common Core State Standards.
7	Assessment —A variety of assessment formats, in print and online, provides a comprehensive assessment plan to monitor student progress toward the Common Core State Standards. Assessments include: <ul style="list-style-type: none"> • Common Core Reviews • Performance Tasks • Four Benchmark Assessments
8	Components —A complete Common Core package to effectively implement a Common Core Curriculum. <ul style="list-style-type: none"> • Student Worktext • Teacher’s Edition • Common Core Assessment Booklet • Web-based teacher and student resources at www.CommonCoreProgress.com • <i>iProgress Monitor</i>—a Web-based assessment system

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