

This document serves as a crosswalk between previous IM® K–12 Math versions and IM® v.360 to describe the major changes that significantly impact the student experience or teachers' planning. This first page lists global changes made to the entire curriculum for a specific grade band. The pages that follow focus on one grade level and detail any additional changes that have been made to each unit, including vocabulary, assessments, lessons, and activities. Lessons that are not listed do not have any additional revisions.

For all courses K–12:

- In many activities, copy edits or formatting changes have been made to improve readability.
- All Unit Narratives and many Lesson Narratives have been revised for focus and brevity.
- Some lesson and activity titles have been changed to reflect new contexts or revised content.
- The *Which One Doesn't Belong?* routine has been replaced with the new *Which Three Go Together?* routine.
- Activities that use the *5 Practices* routine have been revised to give teachers clear guidance on monitoring, selecting, sequencing, and making connections during the class discussion.
- Activities that use the *Information Gap* routine have been revised to give clear instructions to teachers and students.

For courses 6–8:

- Section Narratives, Section Goals, and Section Checkpoints have been added.
- Teacher reflection questions have been added in each section.
- A plan for building a math community has been embedded into each course. This includes creating a visual display in the first unit of each course and then revisiting it periodically throughout later units.
- Standards alignments in activities have been revised for consistency and accuracy, as needed.
- The *Number Talk* and *Algebra Talk* routines have been consolidated into the new *Math Talk* routine.
- Access for English Language Learners and Access for Students with Disabilities have been revised.
- Guidance for Responding to Student Thinking has been revised in many activities and assessments.
- Many *Lesson Syntheses* have been revised for focus and clarity.
- Definitions of all glossary terms have been revised for clarity and consistency.
- The Required Materials lists have been reformatted as Materials to Gather and Materials to Copy.

Grade 6, Unit 1: Area and Surface Area

Summary of Unit Changes: Low The majority of the changes made in this unit improve readability and increase access, equity, and inclusion. Section C now combines what previously appeared as Sections C and D. Because of this change, the subsequent sections have been relabeled. Building toward standards are now featured in many lessons to provide more targeted instruction. Several *Warm-ups* have been revised or replaced to have a stronger connection with the rest of the lesson, and several *Activity* and *Lesson Syntheses* have been revised to make timing more manageable. Finally, the pacing of introducing and using instructional routines has been adjusted to ensure students are able to practice routines regularly.

Unit Vocabulary:

- “Area” is now a glossary term in Lesson 2 instead of Lesson 1.
- Some words (compose, decompose, parallelogram, quadrilateral) are not considered new words, but they are included in the glossary for reference.

Assessments:

- Mid-Unit Assessment:
 - Version A, Problem 7: This problem includes a new diagram, and students now determine whether a given volume of paint is enough to cover two walls.
 - Version B, Problem 7: This problem now asks if a given volume of paint is enough to cover both sides of a sign.
- End-of-Unit Assessment:
 - Version A, Problem 2: This problem now has an additional answer choice.
 - Version A, Problem 7: This problem uses a new image of a net.
 - Version B, Problem 1: This problem now has two additional answer choices.

Section A: Reasoning to Find Area (Lessons 1–3)

Activities:

Lesson 2:

- The *Warm-up* is new. It uses the *Notice and Wonder* routine.
- Activity 2 previously appeared as the *Warm-up*.
- Activity 3 previously appeared as Activity 2. It includes an embedded *MLR2: Collect and Display* routine.
- Activity 4 previously appeared as Activity 3. It includes an embedded *MLR2: Collect and Display* routine.

Lesson 3:

- Activity 3 now has two figures instead of three and uses revised measurements.

Unit Change Overview

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 1, 3
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 1, 2
- ☐ Math community-building exercises have not been added.

Section B: Parallelograms (Lessons 4–6)

Activities:

Lesson 4:

- The *Warm-up* has been revised and is now titled “What are Parallelograms?” instead of “Features of a Parallelogram.”
- Activity 3 includes an embedded *MLR7: Compare and Connect* routine.

Lesson 6

- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- Activity 2 now includes an example to show students before they create their own.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 4, 5
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 5
- ☐ Math community-building exercises have not been added.

Section C: Triangles and Other Parallelograms (Lessons 7–11)

Activities:

Lesson 8:

- Activity 3 now includes an embedded *MLR7: Compare and Connect* routine.

Lesson 9:

- The *Warm-up* now has six choices instead of seven.

Lesson 10:

- Activity 2 now includes an embedded *MLR3: Critique, Correct, Clarify* routine.

Lesson 11:

- Activity 4 now includes an embedded *MLR7: Compare and Connect* routine.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 8, 11
- ☐ Math community-building exercises have not been added.

Unit Change Overview

Section D: Surface Area (Lessons 12–16)

Activities:

Lesson 12:

- Activity 3 is now titled “Prisms Built from Cubes” instead of “Building with Snap Cubes.” It now asks students to analyze two images of prisms made of cubes instead of building a prism. It also includes a new *Are You Ready for More?* problem.

Lesson 15:

- The *Warm-up* is new. It uses the *Math Talk* routine.

Lesson 16:

- Activity 3 now includes an embedded *MLR3: Critique, Correct, Clarify* routine.

Practice Problems:

- ☐ Practice problems have been revised.
☒ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 13
☐ Math community-building exercises have not been added.

Section E: Squares and Cubes (Lessons 17–18)

Activities:

Lesson 17:

- Activity 2 includes a new *Are You Ready for More?* problem.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 4 now includes an embedded *MLR2: Collect and Display* routine.

Lesson 18:

- The *Warm-up* is new. It uses the *Math Talk* routine.

Practice Problems:

- ☐ Practice problems have been revised.
☒ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 17, 18
☐ Math community-building exercises have not been added.

Section F: Let’s Put It to Work (Lesson 19)

Activities:

Lesson 19:

- The *Warm-up* is new. It uses the *Notice and Wonder* routine to introduce the lesson’s context.
- Activity 2 is a new activity that includes an embedded *MLR5: Co-Craft Questions* routine.



Unit Change Overview

- Activity 3 previously appeared as Activity 1. It is now optional and has been revised to provide clearer instructions and supports for students.
- Activity 4 previously appeared as Activity 2. It is now optional. The second problem now has two parts instead of three.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Grade 6, Unit 2: Introducing Ratios

Summary of Unit Changes: Medium Many activities have been updated to provide clarity and promote access, equity, and inclusion. This unit also includes minor copy edits and formatting changes that will improve readability and the overall student experience. The language, values, and number of steps in some activities have been simplified, and a few activities were made optional to make timing more manageable throughout the unit. Several *Warm-ups* were also revised or replaced to have a stronger connection with the rest of the lesson.

Unit Vocabulary:

- “Constant speed” is now a glossary term in Lesson 9.
 - **constant speed:** When an object moves at a constant speed, it moves at the same speed at all times. It does not move faster or slower at any time. So, the ratios of distance traveled to elapsed time are always equivalent.
- “Meters per second” is no longer included in the student glossary.
- “Table” is not a new word, but it is included in the glossary for reference.

Assessments:

- Check Your Readiness Assessment:
 - Versions A & B, Problem 2: Parts b and c have switched places.
 - Versions A & B, Problem 5: This problem now has only one type of recipe instead of two.

Section A: What Are Ratios? (Lessons 1–2)

Activities:

Lesson 2:

- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- The activity that previously appeared as Activity 2 has been removed.
- Activity 2 previously appeared as Activity 3. The context is now play clay instead of art paste. The *Launch* now asks students about ratios they see in a collection of blocks.
- Activity 3 previously appeared as Activity 4. The context is now pencil cases instead of spaghetti sauce. The *Launch* now prompts students to familiarize themselves with the cards by sorting them into categories of their choosing. There is also a new *Are You Ready for More?* problem.
- The context in the *Cool-down* is now stationary sets instead of cats.
- The context in the *Lesson Summary* is now glue sticks and scissors instead of lemonade.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Unit Change Overview

Section B: Equivalent Ratios (Lessons 3–5)

Activities:

Lesson 3:

- The context in Activity 4 is now lemonade instead of bird food.

Lesson 4:

- The *Warm-up* is new and introduces the context of the next activity.
- In Activity 2, the *Launch* now asks teachers to provide students with a single batch of the original green water for comparison in addition to the previously required materials.
- Activity 3 now includes an embedded *MLR3: Critique, Correct, Clarify* routine.

Lesson 5:

- The *Warm-up* is new. It uses the *Notice and Wonder* routine to familiarize students with the new context.
- The context in Activity 2 is now Chinese radish cake instead of tuna casserole. This activity no longer includes an *Are You Ready for More?* problem.
- Activity 3 now includes an embedded *MLR7: Compare and Connect* routine and a new *Are You Ready for More?* problem.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section C: Representing Equivalent Ratios (Lessons 6–10)

Activities:

Lesson 6:

- The *Warm-up* uses different numbers.
- Activity 4 previously appeared in Lesson 17. It is now optional.

Lesson 7:

- Activity 2 now includes an embedded *MLR1: Strong and Clearer Each Time* routine.
- The context in Activity 3 is now play clay instead of art paste.
- The context in Activity 4 is now Chinese radish cake instead of tuna casserole.

Lesson 8:

- The *Warm-up* is new. It uses the *Math Talk* routine.
- In Activity 2, the *Launch* now asks the teacher to lead a whole-class discussion after the first problem.

Lesson 9:

- The *Warm-up* is new. It introduces the context of the next activity.

Unit Change Overview

Lesson 10:

- The *Warm-up* has been revised to use the *Notice and Wonder* routine.
- Activity 2 is new. It continues the situation from the *Warm-up*.
- Activity 3 previously appeared as Activity 2. It is now optional.
- Activity 4 previously appeared as Activity 3.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 7, 10
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 8
- ☐ Math community-building exercises have not been added.

Section D: Solving Ratio and Rate Problems (Lessons 11–14)

Activities:

Lesson 11:

- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- Activity 2 no longer includes a digital option.
- The context in Activity 3 is now Nihaizu sauce instead of trail mix. One problem has been removed. The context in the *Are You Ready for More?* problem is another Japanese sauce instead of cookies.

Lesson 12:

- Activity 2 now includes an embedded *MLR5: Co-Craft Questions* routine.
- In Activity 4, the context of Zeno's paradox now appears in the *Are You Ready for More?* problem instead of in the *Launch*. The activity also uses revised numbers.

Lesson 13:

- The *Warm-up* previously appeared as part of Activity 2.
- Activity 2 has been shortened.

Lesson 14:

- Activity 2 now includes an embedded *MLR4: Information Gap* routine.
- The context in Activity 4 is now sharpening pencils instead of a water faucet.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 13
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 12
- ☐ Math community-building exercises have not been added.

Unit Change Overview

Section E: Part-Part-Whole Ratios (Lessons 15–16)

Activities:

Lesson 15:

- The *Warm-up* now includes a *Math Talk* routine.
- Some contexts in Activity 3 have changed:
 - spices instead of chicken marinade
 - concrete instead of fruit juice

Lesson 16:

- Activity 2 now includes an embedded *MLR6: Three Reads* routine.
- Activity 3 is now optional. One of the contexts is now cleaning fluid instead of salad dressing.

Practice Problems:

☒ Practice problems have been revised.

Lesson #: 16

☐ Practice problems have not been revised.

Math Community:

☐ Math community-building exercises have been added.

☒ Math community-building exercises have not been added.

Section F: Let's Put It to Work (Lesson 17)

Activities:

Lesson 17:

- The *Warm-up* is new. It gives students several examples of Fermi problems that they will choose from in Activity 2.
- Activity 2 is now titled “Solving a Fermi Problem” instead of “Who Was Fermi?” The *Launch* has been revised to better prepare students for the activity.
- Activity 3 is now optional.

Practice Problems:

☐ Practice problems have been revised.

☒ Practice problems have not been revised.

Math Community:

☐ Math community-building exercises have been added.

☒ Math community-building exercises have not been added.

Grade 6, Unit 3: Unit Rates and Percentages

Summary of Unit Changes: High Many activities and materials have been updated to provide clarity and promote access, equity, and inclusion. The sections in this unit have been restructured: Section A previously appeared as Section B, and Section B now combines what previously appeared as Sections A and C. Because of these changes, the subsequent sections have been relabeled. Select lessons have also been rearranged to improve the progression of mathematical ideas, so some lesson numbers have changed. Several lesson titles and lesson goals have been revised to reflect changes.

Unit Vocabulary:

Note: Due to the rearranging of lessons, many vocabulary words now appear in differently numbered lessons.

- “Percent” and “percentage” no longer appear as glossary terms in Lesson 11. They are listed only in Lesson 10.
- “Unit price” is not considered a new word, but it is included in the glossary for reference.

Assessments:

- Check Your Readiness Assessment:
 - Version A, Problem 1: This problem previously appeared as the third.
 - Version A, Problem 2: This problem now has only four questions.
 - Version A, Problem 3: This problem previously appeared as the first.
 - Version A, Problem 6: This problem is new.
 - Version B, Problem 1: This problem previously appeared as the second.
 - Version B, Problem 2: This problem previously appeared as the third and now has only four questions.
 - Version B, Problem 3: This problem previously appeared as the first.
 - Version B, Problem 6: This problem is new.
- End-of-Unit Assessment:
 - Versions A & B, Problem 5: These problems are new.
 - Versions A & B, Problem 7: These problems are new.

Section A: Units of Measurement and Unit Conversion (Lessons 1–3)

Activities:

Lesson 1:

- This lesson previously appeared as Lesson 2. It is no longer optional.
- Activity 2 is a new optional activity that invites students to classify units of measurement by the attribute they measure. It previously appeared as part of the *Card Sort* routine that is now Activity 4.
- Activity 3 previously appeared as Activity 2.
- Activity 4 previously appeared as Activity 3. Some instructions that previously appeared in the student workbook have been moved to the *Launch* or *Activity Synthesis*. The blackline master now includes graphic organizers.

Unit Change Overview

Lesson 2:

- This lesson previously appeared as Lesson 3. It is now optional.
- The context in the *Warm-up* is now paper clips instead of Cuisenaire rods.
- Activity 2 now includes video options for each station. The first and third problems have been revised.

Lesson 3:

- This lesson previously appeared as Lesson 4.
- Activity 2 now includes an embedded *MLR7: Compare and Connect* routine. The context of speeding has been removed. The second problem has been revised.
- Activity 3 now includes an *Are You Ready for More?* problem that previously appeared in Lesson 1.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section B: Rates (Lessons 4–9)

Activities:

Lesson 4:

- This lesson previously appeared as Lesson 5.
- The *Warm-up* is new. It invites students to consider ideas about rates and constant speed.

Lesson 5:

- This lesson previously appeared as Lesson 6.
- The *Warm-up* is new. It uses the *Math Talk* routine.
- The context in Activity 2 is now kinche instead of oatmeal. Comparing the helpfulness of each rate is now discussed during the *Activity Synthesis* instead of it appearing in the student workbook.
- Activity 3 has been revised and now includes two problems instead of four. The context of one problem is now laundry detergent instead of milk.
- The context in the *Cool-down* is now the price of gasoline instead of the price of grapes.

Lesson 6:

- This lesson previously appeared as Lesson 7.
- The context in Activity 2 is now binders and notebooks instead of burritos. The numbers were revised. Explaining why the cost per item stays the same is now discussed during the *Activity Synthesis* instead of it appearing in the student workbook.
- The first problem in Activity 3 uses revised numbers. The second problem in Activity 3 is new.
- Activity 4 now includes a new problem that asks students to generalize. One question was removed from the *Are You Ready for More?* problem.

Lesson 7:

- This lesson previously appeared as Lesson 9 and now includes two new goals.

Unit Change Overview

- The *Warm-up* is new. It introduces the context of Activity 2.
- Activity 3 is now optional.
- The context in the *Cool-down* is now rulers instead of tacos.

Lesson 8:

- This lesson previously appeared as Lesson 1.
- The *Warm-up* now uses the *Notice and Wonder* routine.
- Activity 2 previously appeared as Activity 3 and has a new *Are You Ready for More?* problem.
- Activity 3 previously appeared as Activity 2 and now uses the *5 Practices* routine.
- The *Lesson Summary* has been revised.

Lesson 9:

- This lesson previously appeared as Lesson 8 and is now optional.
- The *Warm-up* uses revised numbers to focus the activity on the concepts of speed and pace.
- The context in Activity 2 is now camels instead of bikers. This activity now includes an embedded *MLR6: Three Reads* routine. The activity problems and *Are You Ready for More?* problems have been revised.
- The *Cool-down* is new.
- The *Lesson Summary* has been revised.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 4, 6–8
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section C: Percentages (Lessons 10–16)

Activities:

Lesson 10:

- The *Warm-up* is new. It uses grids to introduce the term “percent.”
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine. The problems now emphasize students using the language of percentages.
- In Activity 3, the problems now emphasize using double number line diagrams.
- The *Cool-down* is new.

Lesson 11:

- The *Warm-up* is new. The numbers are now simpler than what previously appeared in the *Warm-up*.
- Activity 2 previously appeared as the *Warm-up* and is now optional. It now includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 3 previously appeared as Activity 2. A new problem was added that asks students to find the value that is 100%. The activity also includes a new *Are You Ready for More?* problem.
- Activity 4 previously appeared as Activity 3. It now includes an embedded *MLR6: Three Reads* routine. It no longer includes an *Are You Ready for More?* problem.

Unit Change Overview

- The *Cool-down* is new.
- The *Lesson Summary* now focuses on using double number line diagrams to solve problems about percentages.

Lesson 12:

- The lesson is now titled “Representing Percentages in Different Ways” instead of “Percentages and Tape Diagrams.” It no longer includes the goal about drawing and labeling tape diagrams.
- The *Warm-up* uses a revised diagram.
- Activity 2 now includes an embedded *MLR7: Compare and Connect* routine. It emphasizes using double number line diagrams instead of tape diagrams.
- The activity that previously appeared as Activity 3 has been removed.
- Activity 3 previously appeared as Activity 4 and is no longer optional.
- This *Cool-down* has been revised.
- The *Lesson Summary* now highlights using different representations to reason about percentages.

Lesson 13:

- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- Activity 3 now includes an embedded *MLR3: Critique, Correct, Clarify* routine.
- Activity 4 previously appeared in Lesson 14.
- In the *Cool-down*, the numbering has been revised, and the third problem is new.

Lesson 14:

- The *Warm-up* previously appeared in Lesson 13.
- Activity 2 previously appeared as Activity 3. The blackline master now includes an additional set of cards for demonstration purposes.
- The *Cool-down* now includes an additional problem.
- The *Lesson Summary* has been revised.

Lesson 15:

- This lesson no longer includes the goal about identifying equivalent expressions.
- The *Warm-up* uses revised expressions to support students building on their reasoning from one expression to the next.
- Activity 2 uses revised numbers. The *Are You Ready for More?* problems also use revised numbers.
- Activity 3 is new. It gives students an opportunity to use repeated reasoning to generalize about calculating a percentage of a number.
- The *Cool-down* is new.
- The context in the *Lesson Summary* is now a business donating to charity. The examples are represented with tables instead of tape diagrams.

Lesson 16:

- This lesson is now optional.
- The *Warm-up* is new. It uses the *Math Talk* routine.
- In Activity 2 the problems have been revised to better support generalizing.

Unit Change Overview

- Activity 3 is now optional and includes an embedded *MLR7: Compare and Connect* routine.
- The *Cool-down* is new.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 10, 12, 13, 15, 16
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 10, 14
- ☐ Math community-building exercises have not been added.

Section D: Let's Put It to Work (Lesson 17)

Activities:

Lesson 17:

- The *Warm-up* is new.
- Activities 2 and 3 previously appeared together as Activity 2.
- Activity 2 is now optional and includes only one problem.
- Activity 3 includes the rest of the problems that previously appeared in Activity 2. It also includes a new *Are You Ready for More?* problem.
- Activity 4 previously appeared as Activity 3 and is now optional.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Grade 6, Unit 4: Dividing Fractions

Summary of Unit Changes: Medium Many activities and materials have been updated to provide clarity and promote access, equity, and inclusion. This unit also includes minor copy edits and formatting changes that will improve readability and the overall student experience. Building toward standards are now featured in many lessons in order to provide more targeted instruction, and some *Warm-ups* have been revised or replaced to have a stronger connection with the rest of their lesson. Several lessons and activities are now marked optional.

Unit Vocabulary:

- “Reciprocal” is now a glossary term in Lesson 11 instead of Lesson 10.

Assessments:

- Check Your Readiness Assessment:
 - Versions A & B, Problem 2: This problem previously appeared as the fifth.
 - Versions A & B, Problem 3: This problem now asks students to write mixed numbers as improper fractions instead of ordering rational numbers.
 - Version A & B, Problem 5: This problem is new. It asks students to write a multiplication or division equation.
 - Version A & B, Problem 6: One question has been removed from this problem.
- Mid-Unit Assessment:
 - Version A, Problem 1: This problem previously appeared as the second.
 - Version A, Problem 2: This problem previously appeared as the fifth. The context is now glue instead of cookies.
 - Version A, Problem 4: This problem previously appeared as the seventh. The format is now multiple choice.
 - Version A, Problem 7: One question has been removed from this problem. Students are now also asked to write a multiplication or division equation.
 - Version B, Problem 2: This problem previously appeared as the third. The context is now cleaning liquid instead of brownies.
 - Version B, Problem 3: This problem previously appeared as the second.
 - Version B, Problem 4: This problem previously appeared as the seventh.
 - Version B, Problem 7: One question has been removed from this problem. Students are now also asked to write a multiplication or division equation.
- End-of-Unit Assessment:
 - Version A, Problem 2: The context is now soil instead of building blocks. The format is short answer instead of multiple response.
 - Versions A & B, Problem 3: This problem now includes an additional answer choice.
 - Versions A & B, Problem 6: This problem now includes a diagram.
 - Version B, Problem 2: The numbers in this problem have changed. The format is now short answer instead of multiple response.

Section A: Making Sense of Division (Lessons 1–3)

Activities:

Lesson 1:

- The images in Activity 2 have been revised. One problem was removed.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine.

Lesson 2:

- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- The context in Activity 2 is now bags of clay instead of bags of marbles. The context in the *Are You Ready for More?* problem is now a block of clay instead of a loaf of bread.
- The *Cool-down* has been revised to have fewer problems.

Lesson 3:

- This lesson is now optional.
- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- The activity that previously appeared as Activity 2 has been removed.
- Activity 2 previously appeared as Activity 3. The context is now bubble mixtures instead of granola, and the problems have been revised.
- Activity 3 is new.
- In the *Cool-down*, one problem has been removed.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 1, 2
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 2
- ☐ Math community-building exercises have not been added.

Section B: Meanings of Fraction Division (Lessons 4–9)

Activities:

Lesson 4:

- This lesson is now optional.
- In the *Warm-up*, the second and third problems have switched places.
- In Activity 3, the *Launch* now includes a whole-class discussion on comparing the size of different-shaped pattern blocks. The numbers in the fourth problem have been revised.

Lesson 5:

- Activity 3 now includes an embedded *MLR7: Compare and Connect* routine. Problems are now in a different order. The *Are You Ready for More?* problem has been revised to ask more specific questions.
- In the *Cool-down*, the context has been removed and the problems are now in a different order.

Unit Change Overview

Lesson 6:

- Activity 3 now includes an embedded *MLR3: Critique, Correct, and Clarify* routine. The problem that previously appeared as the second is now the *Are You Ready for More?* problem.

Lesson 7:

- The *Warm-up* is new. It uses the *Notice and Wonder* routine to prepare students for Activity 2.
- Activity 2 previously appeared as part of Activity 3. The context is now soup instead of ice cream. The *Launch* has been simplified.
- Activity 3 previously appeared as Activity 2. It is now optional.
- Activity 4 previously appeared as part of Activity 3.
- The context in the *Cool-down* is now a fish tank instead of a container of water. Numbers have been revised.
- The *Lesson Summary* has been shortened.

Lesson 8:

- The *Warm-up* now asks students to write a story based on a tape diagram instead of a division equation. The numbers in the problem have changed.
- The context in Activity 2 is now art materials instead of flour. An example has been removed from the *Task Statement*.
- Activities 3 and 4 previously appeared together as Activity 3. Both activities now ask students to write equations for only one situation instead of all three.
- Activity 3 is now optional. The context is containers of water. The *Are You Ready for More?* problem has been revised.
- The context in Activity 4 is sections of a highway. This activity now includes an embedded *MLR1: Stronger and Clearer Each Time* routine.

Lesson 9:

- This lesson is now optional.
- In Activity 3, the context in the *Are You Ready for More?* problem is a crochet blanket instead of a sandwich.
- Activity 4 is now optional.
- The *Cool-down* now uses different numbers, and the diagram has been removed.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 4, 5, 7–9
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section C: Algorithm for Fraction Division (Lessons 10–11)

Activities:

Lesson 10:

- In Activity 3, one problem has been removed.

Unit Change Overview

Lesson 11:

- The *Warm-up* is new. It uses the *Math Talk* routine.
- The second problem in Activity 2 now gives partners more specific questions to discuss.
- Activity 3 is now titled “Dividing with or without an Algorithm” instead of “Using an Algorithm to Divide Fractions.” The numbers in this activity have been revised, and students are now instructed to calculate at least four quotients out of the six total. In the *Are You Ready for More?* problem, the units have changed, which has changed the answer.
- In the *Cool-down*, the context has been removed, and the second problem uses revised numbers.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 10
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section D: Fractions in Lengths, Areas, and Volumes (Lessons 12–15)

Activities:

Lesson 12:

- The *Warm-up* now uses the *Which Three Go Together?* routine.
- Activity 3 is now optional. The context is now the height of giraffes instead of the heights of students and teachers. One problem has been removed.

Lesson 13:

- The *Warm-up* now uses the *Notice and Wonder* routine and has fewer problems. Images have been rearranged and edited to include more detail.
- Activity 2 is now optional. Images have been added and problems have been revised to reduce the time needed to complete the task.
- In Activity 4, the second and third problems have switched places.

Lesson 14:

- In Activity 3, the third problem has been shortened and one problem has been removed.
- In the *Cool-down*, the order of the problems has been rearranged.

Lesson 15:

- Activity 2 now includes an embedded *MLR3: Critique, Correct, Clarify* routine. The *Are You Ready for More?* problem previously appeared in Activity 3.
- Activity 3 now has fewer problems. The *Are You Ready for More?* problem previously appeared in the *Task Statement*.
- The *Cool-down* has been revised.

Unit Change Overview

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 12
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section E: Let's Put It to Work (Lessons 16–17)

Activities:

Lesson 16:

- This lesson is now optional.
- In Activity 2, the context in the third problem is now recycling instead of trash.
- The context in Activity 4 is now ornaments instead of cookies.

Lesson 17:

- The *Warm-up* is now titled “What Do We Need to Know and Do?” instead of “Determining Shipping Costs.” It now includes an embedded *MLR6: Three Reads* routine.
- Activity 2 is now titled “How Many Shipping Boxes?” instead of “Determining Shipping Costs (Part 2).” It includes information that previously appeared in Activity 1.
- Activity 3 is now titled “How Much Would It Cost to Ship?” instead of “Determining Shipping Costs (Part 3).” It is now optional and has been revised to include more scaffolding for students.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 16
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 16
- ☐ Math community-building exercises have not been added.

Grade 6, Unit 5: Arithmetic in Base Ten

Summary of Unit Changes: High Many activities and materials have been updated to provide clarity and promote access, equity, and inclusion. Section A combines what previously appeared as Sections A and B. Because of this change, the subsequent sections have been relabeled. Several lesson titles and lesson goals have been revised, and building toward standards are now featured in many lessons to provide more targeted instruction. Several *Warm-ups* have been revised or replaced to have a stronger connection with the rest of the lesson, and several *Activity* and *Lesson Syntheses* have also been revised to make timing more manageable. Instructional routines have also been added to increase consistency with other units in this course.

Unit Vocabulary:

- The terms “compose” and “decompose” are used instead of “bundle” and “unbundle” to be more precise and better aligned to usage in K–5 and in the standards.

Assessments:

- Mid-Unit Assessment:
 - Version B, Problem 4: The context is now cleaning liquid instead of a recipe.
- End-of-Unit Assessment:
 - Versions A & B, Problem 6: The context is now an art store instead of a bakery.

Section A: Exploring, Adding, and Subtracting Decimals (Lessons 1–4)

Activities:

Lesson 1:

- The context in the *Warm-up* is now party supplies instead of snacks.
- In Activity 2, the last question has been removed. The *Are You Ready for More?* problem is now more closely related to the rest of the activity.

Lesson 2:

- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine. The context in the *Are You Ready for More?* problem is now bartering with stones in a game instead of bartering with jewels in a magical land. One problem has been removed.
- Activity 4 is no longer optional.

Lesson 3:

- The *Warm-up* now includes an embedded *MLR3: Critique, Correct, Clarify* routine.
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.

Unit Change Overview

- Activity 3 now includes an embedded *MLR2: Collect and Display* routine. The context in the *Are You Ready for More?* problem is now bartering with stones in a game instead of bartering with jewels in a magical land.
- In the *Cool-down*, one problem has been removed.

Lesson 4:

- The *Warm-up* now includes an embedded *Notice and Wonder* routine.
- Activity 2 has been heavily revised. Some problems were removed, the context in one problem is now screws instead of medication needles, and the *Are You Ready for More?* problem previously appeared as the fifth problem.
- Activity 4 is now titled “Unknown Numbers” instead of “Missing Numbers.”
- The *Cool-down* is now titled “How Much Farther?” instead of “Taller and Farther.” One problem has been removed.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 1, 2, 4
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section B: Multiplying Decimals (Lessons 5–8)

Activities:

Lesson 5:

- This lesson is now titled “Using Fractions to Multiply Decimals” instead of “Decimal Points in Products.”
- This lesson now includes two new goals.
- In Activity 2, one problem has been removed.
- In Activity 3, the *Are You Ready for More?* problem has been revised to ask more specific questions.
- The *Cool-down* is now titled “Explaining and Calculating Products” instead of “Placing Decimal Points in Products.”

Lesson 6:

- The *Warm-up* is new. It uses the *Which Three Go Together?* routine.
- The *Cool-down* is now titled “A Product of Two Decimals” instead of “Find Products of Decimals.” One problem has been removed.

Lesson 7:

- This lesson now includes a new goal.
- In Activity 2, one problem has been removed and one problem has been revised.
- In Activity 3, the context in the *Are You Ready for More?* problem is now units of length in China instead of hectares and morgens.

Lesson 8:

- This lesson now includes a new goal.

Unit Change Overview

- Activity 2 now includes an embedded *MLR1: Stronger and Clearer Each Time* routine. Some of the problems have been revised and reorganized.
- The *Lesson Summary* has been revised. An example has been added and decimal factors have been removed.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 7
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 6
- ☐ Math community-building exercises have not been added.

Section C: Dividing Decimals (Lessons 9–13)

Note: This section has been revised so that the work with base-ten diagrams is consolidated into one optional lesson (Lesson 9) instead of appearing across multiple lessons. The lesson that previously appeared as Lesson 12 has been removed.

Activities:

Lesson 9:

- This is a new optional lesson that focuses on base-ten diagrams for dividing.
- The *Warm-up* previously appeared in Lesson 9.
- Activity 2 previously appeared in Lesson 11.
- Activity 3 previously appeared in Lesson 12. It now includes an embedded *MLR3: Critique, Correct, Clarify* routine.
- The *Cool-down* is new.

Lesson 10:

- This lesson previously appeared as Lesson 9. One goal has been removed.
- The *Warm-up* is new. It uses the *Notice and Wonder* routine to introduce students to partial quotients.
- In Activity 2, the *Launch* now asks students to make sense of an example using partial quotients instead of base-ten diagrams.
- In Activity 3, one problem has been removed.
- The *Lesson Summary* has been revised to show only the partial quotients method.

Lesson 11:

- This lesson previously appeared as Lesson 10. It now includes a new goal.
- The *Warm-up* is new. It uses the *Notice and Wonder* routine.
- In Activity 2, students no longer compare long division to base-ten diagrams.
- In Activity 3, students are instructed to use long division. The first problem has been shortened.
- The *Cool-down* uses revised numbers.

Lesson 12:

- This lesson previously appeared as Lesson 11.

Unit Change Overview

- Activity 2 previously appeared as Activity 3. It has been shortened and is now titled “Whole Numbers No More” instead of “Using Long Division to Calculate Quotients.” The *Are You Ready for More?* problem previously appeared in Activity 3.
- Activity 3 is a new activity that gives students practice using long division with decimal values.
- The *Cool-down* has been revised. The first problem uses a decimal value instead of whole numbers.
- The *Lesson Summary* has been shortened to include information about long division only.

Lesson 13:

- The *Warm-up* is a shortened version of what previously appeared as Activity 3 in Lesson 12.
- Activity 2 has been shortened and is now titled “Dividing with Equivalent Expressions” instead of “Placing Decimal Points in Quotients.”
- The *Lesson Summary* includes two more examples.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 9, 11, 13
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section D: Let’s Put It to Work (Lessons 14–15)

Activities:

Lesson 14:

- This lesson includes two new goals.
- The *Warm-up* now uses the *Math Talk* routine. Some numbers were revised.
- Activity 2 now includes an embedded *MLR4: Information Gap* routine. The title is now “Information Gap: Two Ropes and a Traveling Tortoise” instead of “Applying Division with Decimals.”
- Activity 3 is now optional.
- The *Cool-down* is new.
- The *Lesson Summary* has been revised. One of the contexts is now road signs instead of hurdles.

Lesson 15:

- This lesson includes two new goals.
- Activity 3 previously appeared as part of Activity 2. It is now optional.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 14
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 14
- ☐ Math community-building exercises have not been added.

Grade 6, Unit 6: Expressions and Equations

Summary of Unit Changes: Medium Many activities and materials have been updated to provide clarity and promote access, equity, and inclusion. Some lesson titles and lesson goals were revised to reflect changes, especially at the end of Section A. Several *Warm-ups* have been revised or replaced to have a stronger connection with the rest of the lesson. Building toward standards are now featured in many lessons to provide more targeted instruction. Several assessment items have been revised.

Unit Vocabulary:

- “Term” is now a glossary term in Lesson 10 instead of Lesson 9.
- “Coordinate plane” is now a glossary term in Unit 7 instead of Unit 6.

Assessments:

- Check Your Readiness
 - Versions A & B, Problem 1: This problem now focuses on powers of 10.
 - Versions A & B, Problems 3 & 5: These problems now use integers instead of fractions or decimals.
- Mid-Unit Assessment
 - Versions A & B, Problem 1: This problem uses simpler equations to better focus on the standard being evaluated.
 - Versions A & B, Problem 3: This problem now directly asks students to identify equivalent expressions. It no longer asks about the area of a rectangle.
 - Versions A & B, Problem 4: This problem now focuses on writing expressions and equations.
 - Version B, Problem 6: The context is now gel pens instead of pizza.
 - Versions A & B, Problem 7: The context is now plant growth instead of water in a pitcher.
- End-of-Unit Assessment
 - Versions A & B, Problem 2: This problem now includes a variable and a coefficient.
 - Version B, Problem 3: This problem uses revised numbers.

Section A: Equations in One Variable (Lessons 1–6)

Activities:

Lesson 1:

- This lesson no longer includes the goal about using tape diagrams to find unknown values.
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine. Students are now asked to explain what the variables represent instead of solving. The *Are You Ready for More?* problem has been revised.

Unit Change Overview

Lesson 2:

- The *Warm-up* is new. It uses the *Notice and Wonder* routine.
- Activity 2 previously appeared as the *Warm-up*.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine and now has fewer problems.

Lesson 3:

- Activity 2 now includes an embedded *MLR2: Collect and Display* routine and now has fewer problems.
- Activity 3 now gives students the option of explaining their reasoning with diagrams or equations. The *Are You Ready for More?* problem has been removed, and websites are suggested in the *Launch*.
- The *Cool-down* has been revised. One new problem has been added.

Lesson 4:

- The goal about interpreting situations has been removed. A new goal about critiquing strategies was added.
- The *Warm-up* is new. It focuses on division of a number by a fraction.
- Activity 2 is a new activity in which students match equations and solutions. It includes a blackline master.
- Activity 3 previously appeared as Activity 2.
- The *Cool-down* is new. It focuses on solving equations.
- The *Lesson Summary* has been revised to reflect the new focus of this lesson.

Lesson 5:

- This is a new lesson that focuses on interpreting situations. Parts of this lesson previously appeared in Lessons 2 and 4. The lesson that previously appeared as Lesson 5 has been removed.
- The *Warm-up* is new. It includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 2 previously appeared as Activity 2 in Lesson 2.
- Activity 3 previously appeared as Activity 3 in Lesson 4. The contexts are now a solar panel, a charging cable, and tape instead of books, soccer, and miles run.
- The *Cool-down* is new.

Lesson 6:

- This lesson previously appeared as Lesson 7. It no longer includes the goal about stating what a variable represents.
- The *Warm-up* is new. It uses the *Math Talk* routine.
- Activity 2 is now optional and has fewer problems.
- Activity 3 is new. It includes an embedded *MLR4: Information Gap* routine.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 1–6
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 1
- ☐ Math community-building exercises have not been added.

Unit Change Overview

Section B: Equal and Equivalent (Lessons 7–11)

Activities:

Lesson 7:

- This lesson previously appeared as Lesson 6.
- The *Warm-up* is new. It includes an embedded *MLR5: Co-Craft Questions* routine.
- The contexts in Activity 2 are now scores and stickers instead of lemonade sales and heights. Numbers have been revised.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine.
- The *Cool-down* is now titled “Growth” instead of “Crazy Eights.” In the second problem, students are asked to write an expression given a situation instead of writing a situation given an expression.

Lesson 8:

- This lesson no longer includes the goal about drawing a diagram to represent an expression.
- The *Warm-up* previously appeared as part of the *Launch* for Activity 2.
- In Activity 3, the questions in the *Are You Ready for More?* problem have been rearranged.

Lesson 9:

- One new problem has been added to the *Warm-up*.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine. The last two rows of the table use revised numbers.

Lesson 10:

- Activity 3 now includes an embedded *MLR2: Collect and Display* routine.

Lesson 11:

- This lesson no longer includes the goal about drawing a diagram.
- The *Warm-up* now includes an embedded *MLR1: Stronger and Clearer Each Time* routine.
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- The *Cool-down* has been revised.
- The *Lesson Summary* now includes generalized forms of the distributive property.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 7, 9, 10
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section C: Expressions with Exponents (Lessons 12–15)

Activities:

Lesson 12:

- The context in Activity 2 is now rice instead of coins. The activity now includes an embedded *MLR6: Three*

Unit Change Overview

Reads routine. The context in the *Are You Ready for More?* problem is now rice instead of bacteria.

- One new problem has been added to the *Cool-down*.

Lesson 13:

- Activity 2 now includes an embedded *MLR7: Compare and Connect* routine.
- The context of the *Cool-down* is now grains of rice instead of coins.
- The *Lesson Summary* has been revised to focus on comparing and contrasting different arithmetic operations.

Lesson 14:

- This lesson no longer includes the goal about surface area and volume.
- The *Lesson Summary* now includes a general description of order of operations.

Lesson 15:

- In Activity 2, one new problem was added and one was removed. The *Are You Ready for More?* problem has been revised to provide more scaffolding for students.
- The *Cool-down* is new. It asks students to evaluate expressions with exponents.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 13–15
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 13
- ☐ Math community-building exercises have not been added.

Section D: Relationships Between Quantities (Lessons 16–18)

Activities:

Lesson 16:

- This lesson no longer includes the goal about comparing and contrasting graphs and equations.
- The *Warm-up* is new.
- In Activity 2, the terms “independent variable” and “dependent variable” are introduced in the *Activity Synthesis* instead of being defined in the *Launch*. The task has been revised to include more scaffolding.
- The context of the *Cool-down* is now kitchen cleaner instead of brownies. The problem stem now includes a table instead of an equation, and a new question about equations has been added.

Lesson 17:

- The context of the *Warm-up* is now electric wheelchairs instead of a walk to the library.
- The context of Activity 2 is now a robot race instead of a walk-a-thon.
- The *Cool-down* now includes a graph and one additional problem.

Lesson 18:

- Activity 4 includes a new *Are You Ready for More?* problem.
- The *Cool-down* has been revised to include multiple representations of the relationship. The title is now

Unit Change Overview

“Table, Equation, and Graph” instead of “Interpret the Point.”

- The *Lesson Summary* has been revised. The example of a bouncy ball has been replaced with the volume of a cube.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 16–18
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section E: Let’s Put It to Work (Lesson 19)

Activities:

Lesson 19:

- Activity 1 now uses the *Card Sort* routine instead of the matching items appearing in the student workbook.
- In Activity 2, the *Launch* now includes an example to help students understand the task.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Grade 6, Unit 7: Rational Numbers

Summary of Unit Changes: Low The majority of the changes made in this unit improve readability and increase access, equity, and inclusion. The language and number of steps in some activities have been simplified in an effort to decrease the amount of time needed to complete the activity. This unit also includes minor copy edits and formatting changes that will improve readability and the overall student experience.

Unit Vocabulary:

- “Inequality” is now a glossary term in Lesson 3.
- “Coordinate plane” is now a glossary term in Lesson 11. It no longer appears in Unit 6.

Assessments:

- End-of-Unit Assessment:
 - Version A, Problem 2: The format is now multiple select instead of short answer.
 - Version A, Problem 4: This problem is new. It asks students to select all true statements about points shown on a number line.
 - Version A, Problem 7: Some of the numbers have been revised. The scale of the graph reflects these changes.
 - Version B, Problem 3: Some of the answer statements have been revised.

Section A: Negative Numbers and Absolute Value (Lessons 1–7)

Activities:

Lesson 1:

- In Activity 2, the second problem has been reorganized to have four parts.
- Activity 3 uses revised data. Part of the first problem has been removed. The second problem now asks students to plot the given elevations on a vertical number line.

Lesson 2:

- The *Warm-up* uses revised numbers.
- Activity 3 now includes an embedded *MLR7: Compare and Connect* routine. The numbering of the problems has been revised.
- The *Cool-down* is new. Students are asked to plot a point on a number line, find its opposite, and find the opposite of its opposite.

Lesson 3:

- This lesson no longer includes the learning target about explaining what a rational number is.
- Activity 2 now includes an embedded *MLR7: Compare and Connect* routine. The second problem has been removed, and the problems have been renumbered.

Unit Change Overview

- In Activity 3, comparing fractions is now discussed during the *Activity Synthesis* instead of it appearing in the student workbook.
- The *Cool-down* has been revised so that all of the questions use the context of elevation. The statements for students to mark true or false have been removed.

Lesson 4:

- The blackline master for Activity 2 has been revised.
- In Activity 3, the problem that previously appeared as the second problem is now the *Are You Ready For More?* problem.

Lesson 5:

- The context in the *Warm-up* is now items from a hardware store instead of activities that earn or cost money.
- The context in Activity 2 is now items from a hardware store instead of food from a concession stand.
- Activity 3 is now optional. The problem uses revised numbers.
- The context in the *Cool-down* is now an event planner instead of a bakery owner.

Lesson 6:

- Activity 3 now asks students to match numbers with a description of a situation. The order of the problems has been revised.

Lesson 7:

- The *Warm-up* previously appeared as Activity 2. Students plot possible locations of each person's elevation individually and then complete the table as a class during the *Activity Synthesis*.
- Activity 2 previously appeared as Activity 3.
- Activity 3 previously appeared as Activity 4.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 3, 7
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 5
- ☐ Math community-building exercises have not been added.

Section B: Inequalities (Lessons 8–10)

Activities:

Lesson 8:

- The *Warm-up* is new. It includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 2 previously appeared as Activity 3. The instruction to ask a partner for an estimate has been removed.
- Activity 3 previously appeared as Activity 2. One of the contexts has been revised.

Unit Change Overview

Lesson 9:

- The *Warm-up* now uses the *Notice and Wonder* routine.
- Activity 2 now includes an embedded *MLR1: Stronger and Clearer* routine.

Lesson 10:

- The *Warm-up* is new. It asks students whether they agree with Andre's number line.
- In Activity 3, the diagram with one hexagon and one circle is now discussed during the *Launch* instead of it appearing in the student workbook. The problems have been renumbered.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 9, 10
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section C: The Coordinate Plane (Lessons 11–15)

Activities:

Lesson 11:

- The *Warm-up* has been revised to give students three sets of points to consider.
- In Activity 2, one problem has been removed.

Lesson 12:

- In Activity 3, one problem has been removed.

Lesson 13:

- Activity 2 now includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 3 no longer asks students to write inequalities.

Lesson 14:

- Activity 2 no longer asks students to find the distance between two points.

Lesson 15:

- The *Warm-up* no longer asks students to identify their figure as a polygon.
- In Activity 3, one problem has been removed. The remaining problem has been renumbered.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 11, 14
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Unit Change Overview

Section D: Common Factors and Common Multiples (Lessons 16–18)

Activities:

Lesson 16:

- The context in Activity 2 is now a book drive instead of a bake sale.

Lesson 17:

- In Activity 4, one problem has been removed.

Lesson 18:

- In Activity 2, some contexts have been revised:
 - creating a wall mural instead of tiling a bathroom
 - putting stickers on a notebook instead of on school lockers
 - using large bandages instead of throat lozenges
- In Activity 3, some problems have been renumbered and some contexts have been revised.
- The problems in the *Cool-down* have been renumbered. One situation has been removed.

Practice Problems:

- ☒ Practice problems have been revised.

Lesson #: 18

- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.

Lesson #: 18

- ☐ Math community-building exercises have not been added.

Section E: Let's Put It to Work (Lesson 19)

- No changes

Grade 6, Unit 8: Data Sets and Distributions

Summary of Unit Changes: Low The majority of the changes made in this unit improve readability and increase access, equity, and inclusion. The number of questions in some activities has been reduced in an effort to decrease the amount of time needed to complete the activity. This unit also includes minor copy edits and formatting changes that will improve readability and the overall student experience.

Unit Vocabulary: No changes

Assessments:

- Mid-Unit Assessment:
 - Version A, Problem 3: Answer choice C now compares two bars in a histogram instead of describing the maximum.
 - Version B, Problem 2: Answer choice D now describes the minimum of the dot plot instead of describing where most of the data are.
- End-of-Unit Assessment:
 - Version A, Problem 2: The problem uses revised data sets to make the solution clearer without calculation. This also changes the solution.

Section A: Data, Variability, and Statistical Questions (Lessons 1–2)

Activities:

Lesson 1:

- In the *Warm-up*, one question is now about favorite school subjects instead of hours spent watching TV.
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 3 now includes an embedded *MLR2: Collect and Display* routine.
- In the *Cool-down*, one problem has been removed.

Lesson 2:

- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 4 now includes an embedded *MLR2: Collect and Display* routine.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 1, 2
- ☐ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section B: Dot Plots and Histograms (Lessons 3–8)

Activities:

Lesson 3:

- The *Warm-up* now includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 3 now refers to the two teams by number instead of using gendered terms.
- In Activity 4, the *Launch* has been revised to focus on what students recall about graphical representations of data.
- In the *Cool-down*, the third problem has been revised to focus on frequency instead of interpreting the context.

Lesson 4:

- The *Warm-up* is new. It uses the *Math Talk* routine.
- Activity 2 now includes what previously appeared as the *Warm-up*. The context is now computer upgrades instead of pizza toppings.
- In Activity 3, two problems were added that ask about typical values from a data distribution.

Lesson 5:

- Activity 2 now has fewer problems.
- The *Lesson Synthesis* now includes an embedded *MLR1: Stronger and Clearer Each Time* routine.

Lesson 6:

- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.

Lesson 7:

- The *Warm-up* is new. It asks students to describe questions.
- Activity 2 now includes an embedded *MLR7: Compare and Connect* routine.
- Activity 3 now has fewer problems.

Lesson 8:

- In the *Warm-up*, Histogram A has been revised.
- Activity 2 now has fewer problems.
- The *Cool-down* now lists specific features for students to mention in their description.

Practice Problems:

- ☒ Practice problems have been revised.
Lesson #: 4, 5, 7
- ☐ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 8
- ☐ Math community-building exercises have not been added.

Section C: Measures of Center and Variability (Lessons 9–12)

Activities:

Lesson 9:

- The context in Activity 2 is now toys instead of kittens.
- Activity 3 now includes an embedded *MLR3: Critique, Correct, Clarify* routine. One problem has been removed.

Lesson 10:

- The expressions in the *Warm-up* have been revised.
- Activity 3 now includes an embedded *MLR5: Co-Craft Questions* routine.
- The context in the *Lesson Summary* is now stickers instead of cookies.

Lesson 11:

- Activity 3 now has fewer problems.
- The context in the *Lesson Summary* is now stickers instead of cookies.

Lesson 12:

- The context in Activity 3 is now a national swimming team instead of the U.S. women's swimming team.
- The *Cool-down* now has fewer problems.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Section D: Median and IQR (Lessons 13–17)

Activities:

Lesson 13:

- Activity 2 now includes an embedded *MLR1: Stronger and Clearer Each Time* routine.

Lesson 14:

- Activity 2 now has fewer problems.
- Activity 3 now includes an embedded *MLR3: Critique, Correct, Clarify* routine.
- The context in the *Lesson Summary* is now stickers instead of cookies.

Lesson 15:

- In Activity 2, the first problem previously appeared as two problems.

Lesson 16:

- Activity 3 now includes an embedded *MLR2: Collect and Display* routine. It also provides a dot plot instead of asking students to create one.

Unit Change Overview

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☒ Math community-building exercises have been added.
Lesson #: 17
- ☐ Math community-building exercises have not been added.

Section E: Let's Put It to Work (Lesson 18)

Activities:

Lesson 18:

- Activity 3 uses revised data.
- Activity 5 is a new activity that allows students to work with large data sets digitally.
- The context in the *Lesson Summary* is now stickers instead of cookies.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Grade 6, Unit 9: Putting it All Together

Summary of Unit Changes: High Many activities and materials have been updated to provide clarity and promote access, equity, and inclusion. The language and number of steps in some activities have been simplified in an effort to decrease the amount of time needed to complete the activity. Visuals and supports such as graphic organizers and tables have been added to some activities to support access and organization. Lessons have been added, rearranged, or split into two lessons to make each section more coherent and manageable.

Unit Vocabulary: No changes

Assessments: No changes

Section A: Exploring Our World (Lessons 1–4)

Activities:

Lesson 1:

- Activity 1 now includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 2 now suggests the teacher have a stack of cereal boxes to display for the class.

Lesson 2:

- This lesson is new. Students apply ratio and rate reasoning to analyze situations involving water usage and power usage.
- Activity 1 includes an embedded *MLR6: Three Reads* routine.

Lesson 3:

- This lesson is new. Students apply ratio and rate reasoning to analyze situations involving recycling.
- Activity 2 includes an embedded *MLR1: Stronger and Clearer Each Time* routine.

Lesson 4:

- This lesson previously appeared as Lesson 2.
- One learning goal has changed to better represent the content of the lesson.
- In the *Warm-up*, some information has been updated to reflect the world population as of 2023.
- A new table is provided in Activity 3.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Unit Change Overview

Section B: Voting (Lessons 5–9)

Activities:

Lesson 5:

- This lesson previously appeared as Lesson 4.
- Activity 1 now includes an embedded *MLR5: Co-Craft Questions* routine.
- Activity 2 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 4 now includes an embedded *MLR6: Three Reads* routine.

Lesson 6:

- The lesson previously appeared as part of Lesson 5.
- Activity 2 has been heavily revised.
 - The context is now field trip options instead of a lunch menu.
 - The activity now has fewer problems.
 - Problems have been revised, and a chart is now provided.
- The context in Activity 3 is now field trip options instead of a lunch menu. The activity has been revised to better align to Activity 2.

Lesson 7:

- This lesson previously appeared as part of Lesson 5.
- The *Warm-up* is new. It introduces instant runoff voting.
- Activity 2 previously appeared as Activity 4 in Lesson 5. Two problems have been removed. The activity now provides a chart.
- Activity 3 previously appeared as Activity 5 in Lesson 5. One problem has been removed.

Lesson 8:

- This lesson previously appeared as part of Lesson 6.
- Activity 1 now includes an embedded *MLR2: Collect and Display* routine.
- Activity 3 now gives totals instead of asking students to find them.

Lesson 9:

- This lesson previously appeared as part of Lesson 6.
- Activity 1 previously appeared as Activity 4 in Lesson 6. It now includes an embedded *MLR3: Critique, Correct, Clarify* routine.
- Activity 2 previously appeared as Activity 5 in Lesson 6.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.

Unit Change Overview

Section C: Making Connections (Lessons 10–11)

Activities:

Lesson 10:

- Lesson 10 previously appeared as part of Lesson 3.
- Activity 1 now includes an embedded *MLR2: Collect and Display* routine.

Lesson 11:

- Lesson 11 previously appeared as part of Lesson 3.
- Activity 1 previously appeared as Activity 3 in Lesson 3. It now includes images of rectangles instead of asking students to draw them.
- Activity 2 previously appeared as Activity 4 in Lesson 3. One problem has been removed. The activity now includes an *Activity Synthesis*.

Practice Problems:

- ☐ Practice problems have been revised.
- ☒ Practice problems have not been revised.

Math Community:

- ☐ Math community-building exercises have been added.
- ☒ Math community-building exercises have not been added.