Contents

What Is Mathematics STAAR® Workstations Volume 3? v-v Using Review Activity Folders
Creating Review Activity Folders
Answer Keys
Debriefing and Providing Feedback
Mathematics STAAR® Workstations Volume 3 Features vii-i
Reporting Category 1: Numerical Representations and Relationships
Ordering Real Numbers 8(2)(D), 8(2)(B)
Workstation Document
Reporting Category 2: Computations and Algebraic Relationships
Identifying Functions from Graphs 8(5)(G)
Workstation Document
Writing Equations to Model Linear Relationships 8(5)(I)
Workstation Document
Workstation Document
Reporting Category 3: Geometry and Measurement
Dilations on a Coordinate Plane 8(3)(C) 50-6
Workstation Document
Volume of Cylinders, Cones, and Spheres 8(7)(A)
Workstation Document
8(7)(D), 8(7)(C)
Workstation Document
Reporting Category 4: Data Analysis and Personal Financial Literacy
Simple Interest and Compound Interest 8(12)(D)89–10
Workstation Document

What is Mathematics STAAR® Workstations Volume 3?

Mathematics STAAR® Workstations Volume 3 is a student-centered review resource to be used to address the Mathematics TEKS that, based on current data, have proven challenging for students. Each workstation is TEKS-based and may be used to enrich Tier I instruction or as a review at the rigor outlined by the TEKS.

Each review workstation is designed to take 15-20 minutes and fit in a single file folder to create a convenient and engaging review resource. These workstations may be used in a variety of structures, including differentiated review during class, review sessions, and tutorials.

Using Mathematics STAAR® Workstations Folders

A folder format provides flexible options for review. The following are examples of ways to use the folders:

- <u>Individualized Review</u>: Students complete workstations that target their area(s) of greatest need based on formative assessment data.
- Review Stations: Student groups work through each folder and note any topics they find confusing or for which they need further review. The teacher monitors student discussions to assess for misconceptions. These points for review can be addressed individually or as a class to make the best use of class time.
- Whole Class Review: During one class period, the class works in small groups through the same review workstation folder(s) and debriefs together.

Creating Mathematics STAAR® Workstations Folders

To create the review workstations in this resource, you will need the following materials:

- Access to a copy machine and/or printer
- File folders, preferably a different color for each Reporting Category
- Cardstock
- Hook-and-loop dots
- Packing tape
- Glue sticks
- Plastic sandwich bags or envelopes
- Transparencies
- Single-hole punch
- Dry-erase markers
- Yarn
- Two-color counters
- Patty paper

Follow these steps to create each Mathematics STAAR® Workstations folder:

- 1. Read through the Teacher Notes and gather the materials for the workstation.
- 2. Print the Labels, Instructions, Task Cards, and Student Answer Keys. You may access the digital files and choose to print in color or black and white. Access digital files at http://r4hub.esc4.net using your login information.
- 3. Cut out the Labels, Instructions, Task Cards, and Student Answer Keys, and attach each to the folder. You may choose to follow the sample layout provided in the Teacher Notes or organize the folder in a way that meets the needs of your students.
- 4. Print copies of the student pages. These are designed to be consumables for students to use as a study guide.