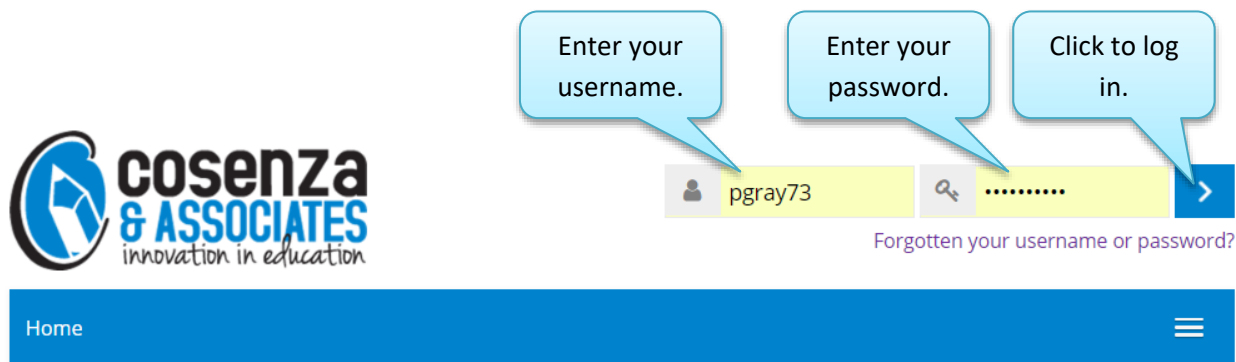


Getting Started with Mission Math K12™

How do I log in?

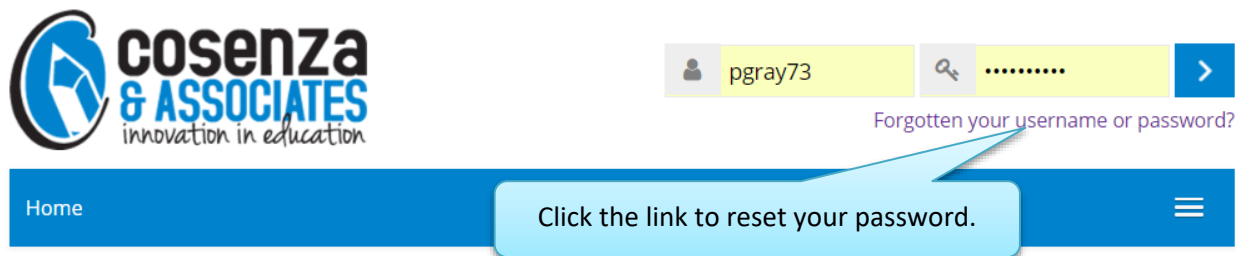
1. Visit the URL, www.cosenzaresources.com.
2. Find the Login boxes in the upper right corner of the screen.
3. Enter the username and password provided.
4. Click the blue arrow to log in.



The screenshot shows the Cosenza & Associates logo on the left. In the top right corner, there are three callout boxes: "Enter your username." pointing to a text box containing "pgray73", "Enter your password." pointing to a password box with masked characters, and "Click to log in." pointing to a blue arrow button. Below the login fields is a link that says "Forgotten your username or password?". At the bottom of the page is a blue navigation bar with the word "Home" on the left and a hamburger menu icon on the right.

I forgot my password. What can I do?

1. In the Login area, click on the link for "Forgotten your Username or Password."



This screenshot is similar to the previous one, but a callout box "Click the link to reset your password." points to the "Forgotten your username or password?" link in the login area.

2. Enter **either** your username **or** the email address provided to set up your account. You will be sent an email to the email address linked to your account with instructions on how to reset your password.

Search by username

Username

Search

Enter your username.

Search by email address

Email address

Search

Enter your email address.

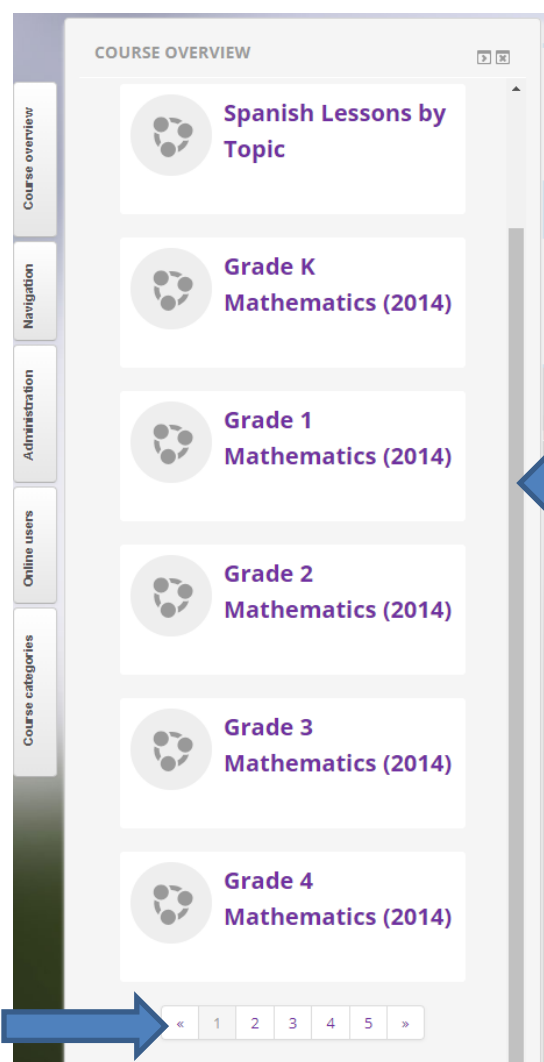
Once I'm logged in, how do I find my courses?

There are two ways to navigate to your courses.

1. In the left-hand navigation dock, click or mouse over the **Course overview** navigation panel to reveal a list of courses for which you have access. You may need to scroll with the scroll bar or use the additional pages menu at the bottom of the list.
2. Move your mouse over (or tap) the **My Courses** menu. A drop-list menu will appear. Click (or tap) on your course.

Move your mouse over (or tap) the **Course overview** navigation panel.

Click (or tap) on your course. You may need to scroll with the scroll bar or use the additional pages menu at the bottom of the list.

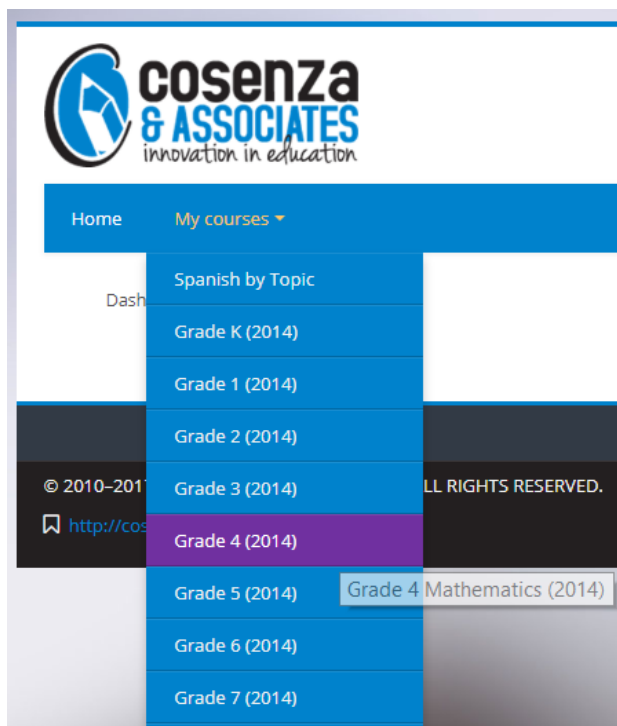


Home My courses ▾

Dashboard

Move your mouse over (or tap) the **My courses** menu.

A drop-list menu will appear. Click (or tap) on your course.



How do I navigate within a course?

Method 1: Use the Lesson Topics Navigation Button

Once you are in a course, use the Lesson Topics navigation button.

1. On the left-hand side of your screen, click the **Lesson Topics** navigation button.
2. If you'd like, you can use the **docking** button to lock the Lesson Topic Sequence onto the right side of your screen.
3. Click the lesson name to navigate directly to that lesson.

The screenshot shows a web interface for navigating through lesson topics. On the left is a vertical sidebar with three buttons: 'Administration', 'Lesson Topics', and 'Navigation'. The 'Lesson Topics' button is highlighted. A callout bubble points to it with the text: 'Click the Lesson Topic navigation button.' The main content area is titled 'LESSON TOPICS' and features a 'Grade 5 Lesson Topic Sequence' section. This section includes a rocket and star icon and a list of eight lessons. A second callout bubble points to a docking icon in the top right corner of the main content area, with the text: 'Click the docking button to dock the Lesson Topic Sequence on the right side of your screen.'

LESSON TOPICS

Administration
Lesson Topics
Navigation

Click the **Lesson Topic** navigation button.


Click the **docking** button to dock the Lesson Topic Sequence on the right side of your screen.

Grade 5 Lesson Topic Sequence

- Lesson 1: Comparing and Ordering Whole Numbers and Decimals** TEKS: 5.2A, 5.2B
- Lesson 2: Adding and Subtracting Whole Numbers and Decimals** TEKS: 5.3A, 5.2C, 5.3K
- Lesson 3: Multiplying Whole Numbers** TEKS: 5.3A, 5.3B
- Lesson 4: Dividing Whole Numbers and Order of Operations** TEKS: 5.3A, 5.3C, 5.4E, 5.4F
- Lesson 5: Adding and Subtracting Fractions and Decimals** TEKS: 5.3A, 5.3H, 5.3K
- Lesson 6: Multiplying and Dividing Fractions** TEKS: 5.3A, 5.3I, 5.3J, 5.3L
- Lesson 7: Multiplying and Dividing Decimals** TEKS: 5.3A, 5.3D, 5.3E, 5.3F, 5.3G
- Lesson 8: Describing Patterns and Relationships** TEKS: 5.4A, 5.4B, 5.4C, 5.4D

Method 2: Use the Lessons drop-list boxes and Lesson tiles.

1. Lessons are sorted into rows of tiles. There are four lessons in one row. Identify the lesson range that has the lesson you're looking for (e.g., to find Lesson 15, you'll look for Lessons 13-16). Click the arrow to open the drop-list box of tiles for those lessons.
2. Click **View Lesson** beneath the lesson name to open the lesson.

 **STAAR Mission: Grade 5 Mathematics Success**

This is a compressed, accelerated program of intervention that will help foster student success in mathematics.

The course contains rigorous lessons built around the 5E instructional design model, emphasizing procedural fluency through conceptual understanding.

[Click here for Resources and Templates](#) [Click here for TEKS Correlation Document](#)

>

Lessons 1-4

>

Lessons 5-8


>

Lessons 9-12

>


Lessons 13-16


Click the arrow to open the drop-list box for those lessons.




**Lesson 13:
Determining
Volume**

TEKS: 5.4G, **5.4H**, 5.3A


 View Lesson


 Download Lesson Plan




**Lesson 14:
Applying**

TEKS: 5.7A, 5.3A


 View Lesson


 Download Lesson Plan




**Lesson 15: Using
and Comparing
Data
Representations**

TEKS: 5.9A, **5.9C**


 View Lesson


 Download Lesson Plan




**Lesson 16:
Personal
Financial Literacy
Taxes, Earnings
and Budgets**

TEKS: 5.10A, 5.10B, 5.10C,
5.10D, 5.10E, and 5.10F

 View Lesson

 Download Lesson Plan

Click **View Lesson**. The lesson page will open in a new tab.

 **Mission Math K12™**
Curriculum for a successful journey

© Cosenza & Associates, LLC. All rights reserved.

Page 4 of 10

How do I access the lesson plan and vocabulary development activities?

- Inside the lesson page, the first row of items contains the **Lesson Plan**, **Vocabulary**, and any **Released Items** (if applicable). STAAR® is a registered trademark and service mark of the Texas Education Agency.
- Click on the image of the **Lesson Plan** document to access the one-page lesson plan, including procedures, facilitation questions, and advance preparation for each E-phase of the 5E lesson.
- Click on the **TEKS/SE number** to see the detailed language and reporting category for each student expectation.
- Click on the **Vocabulary** term to see a partially completed Frayer model.

Click the **TEKS/SE** number (e.g., 3.2C) to see the language of the TEKS/SE and whether it is a Readiness, Supporting, or Not Assessed standard.

Lesson 3 : Rounding and Estimating Numbers

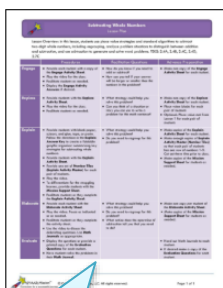
Lesson Overview: In this lesson, students will round whole numbers to the nearest ten or hundred or use compatible numbers to estimate solutions to addition and subtraction problems. The students will represent numbers on a number line between multiples of 10, 100, 1,000 or 10,000. TEKS: 3.2C, 3.4B (3.2C-Released Items 3.4B-Released Items)

Note: Only the teacher with a current license for STAAR Mission Math™ has permission to use STAAR Mission Math™ resources with their students.

© Cosenza & Associates, LLC. All rights reserved.

1

Lesson Plan



Click the image of the **Lesson Plan** to open the Lesson Plan document.

2

Vocabulary

Click on the term to see a partial **Frayer Model** for that term. Add to the Frayer Models as you work through this lesson.

Rounding

Estimate

Compatible Numbers

Click the **vocabulary** term to open a partially-completed Frayer model.

3

Released Items

All questions shown below are the sole property of the Texas Education Agency (TEA) and are listed here for informational purposes only.

3.2C-Released Items

3.4B-Released Items

Click the **TEKS/SE** to view released STAAR® items that assess that TEKS/SE.

How do I access the lesson components for a phase of the 5E lesson?

Each phase of the 5E lesson is represented by one of five tiles containing an icon, the phase name, and a short descriptor of what students will do in that part of the lesson. There are three ways to open the page for that phase of the lesson. That page will open in a new tab or window.

- Click on the icon,
- Click on the E-verb which is a hyperlink to the lesson components for that phase, or
- Click the **View Phase** button.

Lesson Phases and Components



Phase 1: Engage

Students compare three addition problems and decide which one they would like to solve. Students will also share their reasoning behind their decision making.

[View Phase](#)



Phase 2: Explore

Students use picture models to represent rounding whole numbers to the nearest ten or hundred.

[View Phase](#)



Phase 3: Explain

Students formalize procedures for rounding whole numbers to the nearest ten or hundred, including using a number line and using place value.

[View Phase](#)



Phase 4: Elaborate

Students use strategies, including rounding and compatible numbers, to solve addition and subtraction problems involving whole numbers.

[View Phase](#)



Phase 5: Evaluate

The evaluate phase contains formative assessment practice problems.

[View Phase](#)

Click on the icon for that phase of the lesson.

Click on the e-verb for that phase of the lesson.

Click the **View Phase** button.

How do I find the activity masters or video for a lesson phase?

- To find the activity masters, click on the blue hyperlinks in the **Procedure** box or scroll to the images at the bottom of the screen, and click on the desired image. Activity pages will open as a PDF in pop-up window for projection or printing.
- To find the video, click on the video snapshot beneath the grey **Procedure** box. The video, an MP4, will open in a pop-up window or media viewer, depending on your browser settings.

Procedure:

1. Obtain a **Number Card** that has been cut from the **Explore Activity Master**.

2. Play the video indicated.

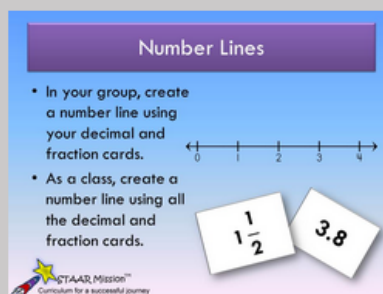
3. Work with numbers in order from least to greatest to ensure that you place your number in the right spot on the number line.

4. When the class number line is complete, your **Math Journal**.

5. Answer the debriefing questions.

6. Display the **Explore Activity Master Answers** if desired.

Click on the blue hyperlink to see the activity sheet, a PDF document, in a pop-up window.

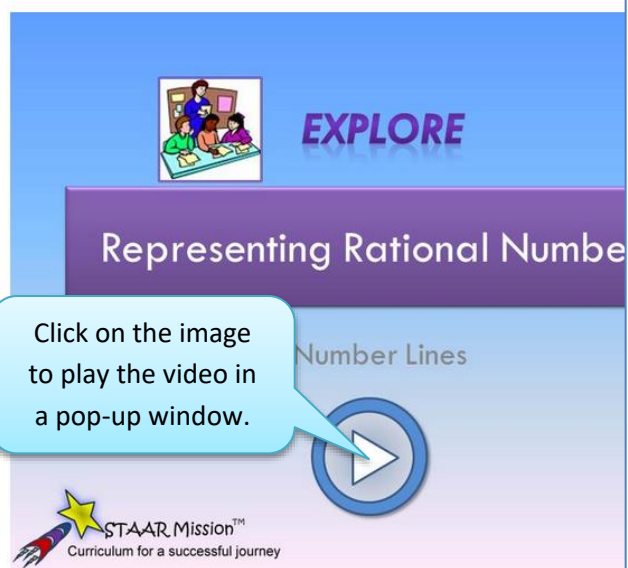


Click on the blue hyperlink to see the activity sheet answers, a PDF document, in a pop-up window.

Click on the image to see the activity sheet or answers, a PDF document, in a pop-up window.

Representing Rational Numbers

Explore Phase Video



Click on the image to play the video in a pop-up window.

(Click on the image to play the video.)

Click on the activity sheets below to get a full size version

Activity Master

Name _____ Date _____

Representing Rational Numbers
Explore Activity Master

Interactive Number Line

Directions: Cut out the prepared number cards. Each student should receive one card, instruct the students to order themselves or the cards from greatest to least or least to greatest. This can be done in small groups or as a whole group.

$1\frac{1}{2}$	2.1
3.28	3.8
0.67	0.3

STAAR Mission™ © 2013, Cosenza & Associates, LLC. All rights reserved. Page 1 of 3

Activity Master Answers

Name _____ Date _____

Representing Rational Numbers
Explore Activity Master - Answer Key

0	0.11
0.175	$\frac{1}{5}$
0.3	0.5

STAAR Mission™ © 2013, Cosenza & Associates, LLC. All rights reserved. Page 1 of 3

How do I use the Trajectory Check questions?

For the Explore phase:

- The **Trajectory Check** questions are the debriefing questions from the activity sheet.
- The **Math Journal Entry** includes sample answers to the Trajectory Check (debriefing) questions.



Trajectory Check!

Are you on the path to success? Answer the questions below then discuss your answers with the class.

1. How was your group able to compare the fraction and decimal numbers?
2. What numbers did you choose to put on your number line?
3. What are some benchmark numbers that can help you find the correct placement of other numbers?

(Answers to these questions are found in your Math Journal.)



Math Journal Entry

Write your conclusions in your Math Journal.

1. How was your group able to compare the fraction and the decimal numbers?

Possible answer: *We estimated the size of the fraction.*

2. What numbers did you choose to put on your number line first?

Possible answer: *Whole numbers*



Trajectory Check!

Are you on the path to success? Answer the questions below then discuss your answers with the class.

1. Represent $\frac{7}{8}$ as a decimal.

Check Answer



2. Use inequality symbols to compare the numbers 0.6 and $\frac{7}{8}$.

Check Answer



3. Shelia and two of her friends recorded the amount of time it took them to do homework last night. Their results are in the table.

Homework Time			
Student	Sheila	Francine	Madison
Time (minutes)	30.4	$30\frac{1}{2}$	$30\frac{1}{4}$

List the friends in order of who completed their homework the fastest.

Check Answer



For the Explain and Elaborate phases:

- The **Trajectory Check** questions are a check-for-understanding type of question that scaffolds toward the level of cognitive rigor required for the student expectation.
- Click the **Check Answer** button to see the answer.
- Click the **Detailed Solution** button to see a short video with a solution using the methods presented in the lesson.

How do I obtain the Independent Practice or Lesson Quiz documents?

- On the main lesson screen, scroll to the bottom of the page for the **Supporting Material** section.
- Click on the blue hyperlink, **Independent Practice Questions**, to see the student activity page for the Independent Practice.
- Click on the blue hyperlink, **Independent Practice Answers**, to see the answer key for the Independent Practice.
- Click on the blue hyperlink, **Lesson Quiz**, to see the student activity page for the Lesson Quiz.
- Click on the blue hyperlink, **Lesson Quiz Answers**, to see the answer key for the Lesson Quiz.
- For Grades 2-5 (as of August 2018), student-facing activity pages are translated into Spanish. Grades K and 1 will be added during the 2018-19 school year.

Supporting Material

Click on the blue **Independent Practice Questions** hyperlink to see the student activity page.

Click the **View Material** button to see links for the Spanish student-facing materials (Grades 2-5 only).

Click on the blue **Independent Practice Answers** hyperlink to see the answer key.

Click on the blue **Lesson Quiz** hyperlink to see the student activity page.

Click on the blue **Lesson Quiz Answers** hyperlink to see the answer key.

Representing Rational Numbers
Lesson Quiz Answer Key

Item Number	Reporting Category	Readiness or Supporting	Content Student Expectation	Process Student Expectation	Correct Answer
1	1	Supporting	6.1A	6.12A	B
2	1	Readiness	6.1B	6.11B	B
3	3	Supporting	6.7A	6.11D	C
4	3	Supporting	6.7A		C
5	1	Readiness	6.1B	6.11B	0.1
6	1	Supporting	6.1A	6.11D	B
7	1	Readiness	6.1B	6.11B	C
8	3	Supporting	6.7A	6.11D	D
9	3	Supporting	6.7A		A
10	1	Readiness	6.1B	6.11B	0.8

Hints and Tidbits

- ✓ Before class, open each video that you think you will use and minimize the window. That way, you don't have to wait for the video to load in the middle of the lesson!
- ✓ Some items, such as the Evaluate questions or the answer keys, can be projected instead of printed. Think green and save paper!
- ✓ Evaluate questions or Trajectory Check questions could be used with a classroom response ("clicker") system.
- ✓ After the Elaborate phase, use the Independent Practice before the Evaluate or Lesson Quiz.
- ✓ Save the Evaluate questions to create a unit assessment over multiple lessons.

Troubleshooting Tips

- We highly recommend using the most current version of Google Chrome or Mozilla Firefox as the web browser.
- **Can't get the videos to play?**
 - » Check your web browser settings to be sure that popup windows are allowed.
 - » Check to see which helper application is used to play MP4 videos.
 - » Make sure that streaming video is allowed by your district's firewall.
- **Forgot your password?** Click the "forgot password" link. An email will be sent to the email address provided upon account creation containing directions to reset the password.

Notes
