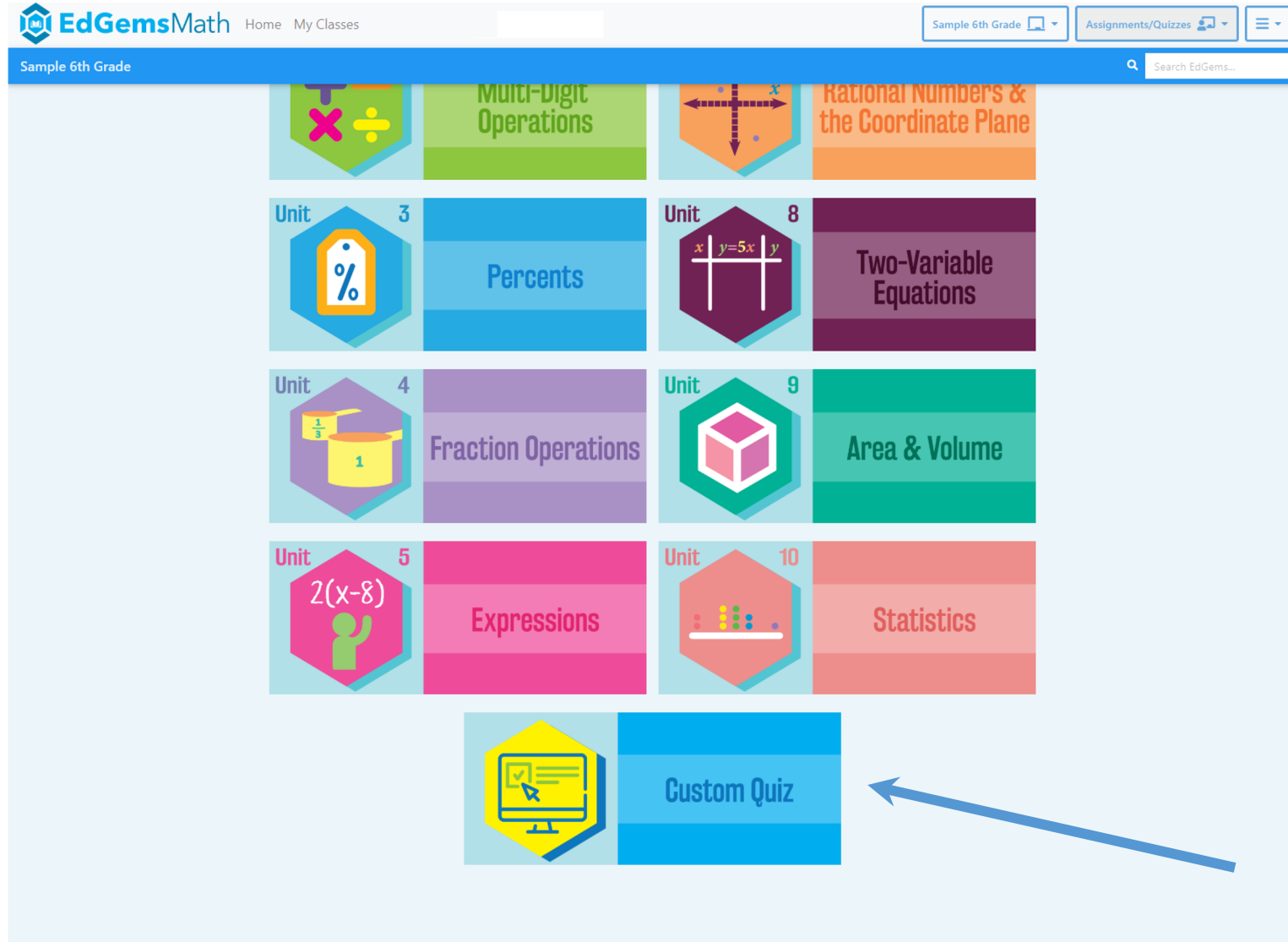











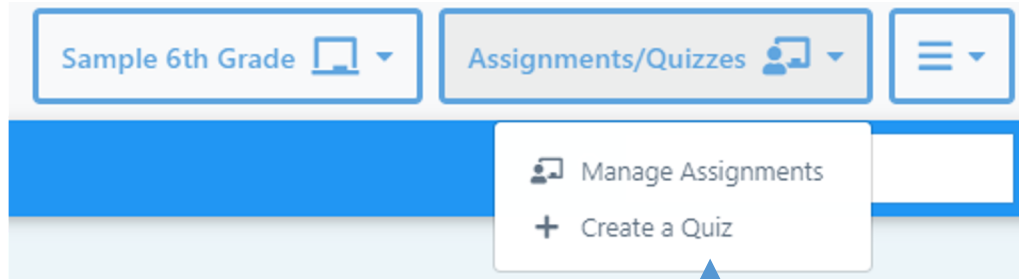
On the class homepage, select 'Custom Quiz', located at the bottom of the page.



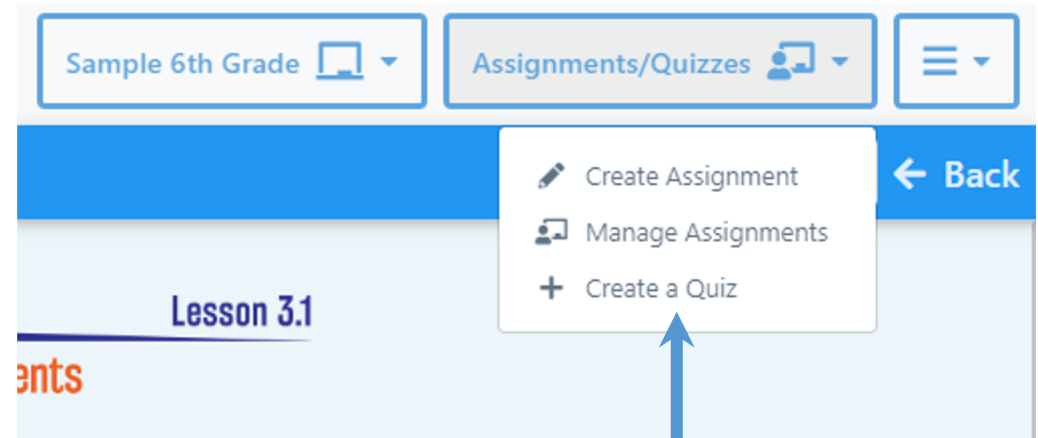
EdGemsMath Home My Classes Sample 6th Grade Assignments/Quizzes Search EdGems...

	Multi-Digit Operations		Rational Numbers & the Coordinate Plane
Unit 3 	Percents	Unit 8 	Two-Variable Equations
Unit 4 	Fraction Operations	Unit 9 	Area & Volume
Unit 5 	Expressions	Unit 10 	Statistics
		Custom Quiz	

Alternatively, you can click on the 'Assignments/Quizzes' dropdown and select 'Create a Quiz'. This can be done from the class homepage or from a lesson page.



Homepage view



Lesson view

You are next presented with the screen below. You can name your quiz in the box under 'Name'.

**Name**

**Assign**

None ▼

**Question Search**

Unit

Unit 1 Ratios ▼

Lesson







Lesson 1.2 Ratio Tables & Graphs ▼

Challenge

Any ▼

Standard

Any ▼

Add to Quiz	Preview	Question Name	Unit	Lesson	Challenge (Order)	Standard
<input type="checkbox"/>		Yuki jogged 3 miles in 24 minutes.	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (4)	6.RP.A.3.a
<input type="checkbox"/>		A total of 320 vegetable starts will be planted in a field. There will be 5 toma	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (3)	6.RP.A.3.a
<input type="checkbox"/>		The table shows a relationship between the number of golf balls that fit into a	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (1)	6.RP.A.3.a
<input type="checkbox"/>		The table shows a relationship between the number of golf balls that fit into a	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (2)	6.RP.A.3.a
<input type="checkbox"/>		A total of 320 vegetable starts will be planted in a field. There will be 5 toma	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 2 (3)	6.RP.A.3.a
<input type="checkbox"/>		Yuki jogged 3 miles in 24 minutes.	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 2 (4)	6.RP.A.3.a

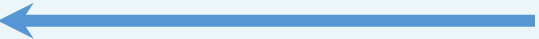
Page 1 of 3 (18)

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»

You can choose to assign your quiz to all students in your class, or to select students under the 'Assign' dropdown.

EdGems Core Grade 6 —







Name

Assign None 

Question Search

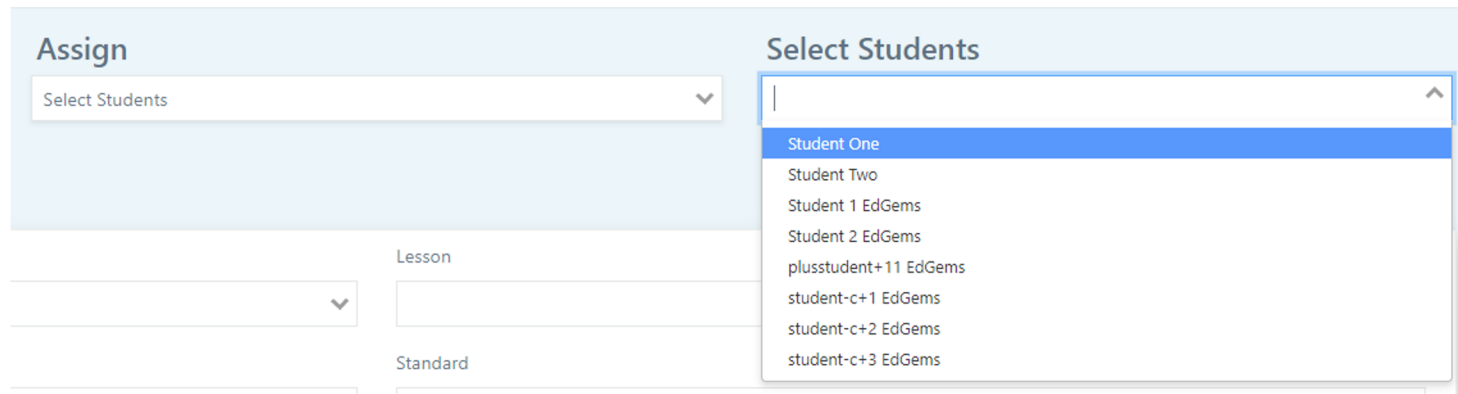
Unit  Lesson

Challenge  Standard

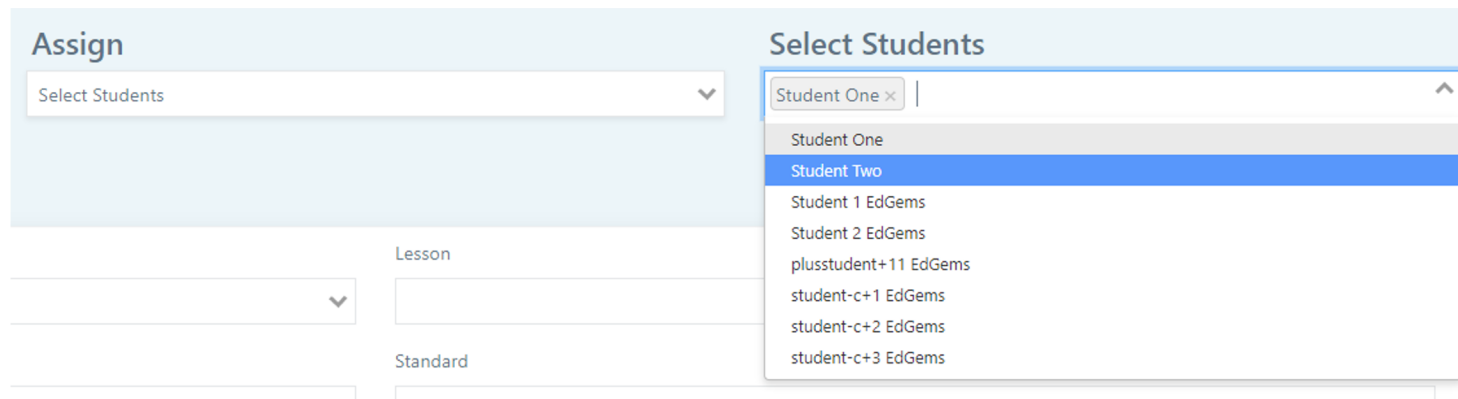
Add to Quiz	Preview	Question Name	Unit	Lesson	Challenge (Order)	Standard
<input type="checkbox"/>		Yuki jogged 3 miles in 24 minutes.	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (4)	6.RP.A.3.a
<input type="checkbox"/>		A total of 320 vegetable starts will be planted in a field. There will be 5 toma	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (3)	6.RP.A.3.a
<input type="checkbox"/>		The table shows a relationship between the number of golf balls that fit into a	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (1)	6.RP.A.3.a
<input type="checkbox"/>		The table shows a relationship between the number of golf balls that fit into a	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 1 (2)	6.RP.A.3.a
<input type="checkbox"/>		A total of 320 vegetable starts will be planted in a field. There will be 5 toma	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 2 (3)	6.RP.A.3.a
<input type="checkbox"/>		Yuki jogged 3 miles in 24 minutes.	Unit 1 Ratios	Lesson 1.2 Ratio Tables & Graphs	Gem Challenge 2 (4)	6.RP.A.3.a

Page 1 of 3 (18) « < 1 2 3 > »

If you decide to only assign your custom quiz to select students, a new menu will appear, where you can select specific students from the dropdown menu. Select students one-by-one from the drop down.



The screenshot shows the 'Assign' section with a 'Select Students' dropdown menu. The dropdown is open, displaying a list of student names: Student One, Student Two, Student 1 EdGems, Student 2 EdGems, plusstudent+11 EdGems, student-c+1 EdGems, student-c+2 EdGems, and student-c+3 EdGems. The 'Student One' option is highlighted in blue.









The screenshot shows the 'Assign' section with the 'Select Students' dropdown menu. 'Student One' is now selected and appears as a pill with an 'x' icon. 'Student Two' is highlighted in blue in the dropdown list. The other student names remain visible below.

Students will populate the dropdown menu when selected.

You can filter the questions to add to your custom quiz using the ‘Question Search’ menu. You can filter by Unit, Lesson, Challenge, and Standard. As an example, Unit 3 and Lesson 3 were selected from the drop down. The applicable questions are shown below.

**Question Search**

Unit: Unit 3 Percents | Lesson: Lesson 3.3 Percent of a Number | Challenge: Any | Standard: Any

Add to Quiz	Preview	Question Name	Unit	Lesson	Challenge (Order)	Standard
<input type="checkbox"/>		Complete the table.	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (1)	6.RP.A.3.c
<input type="checkbox"/>		Sierra wanted to save \$150 before going on vacation. She earned 60% of the money	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (4)	6.RP.A.3.c
<input type="checkbox"/>		Sixty teenagers are at a skating rink. Eighteen of the teens are in-line skating	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (3)	6.RP.A.3.c
<input type="checkbox"/>		Determine if the following expressions have a value of 15. Select Yes or No for	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (2)	6.RP.A.3.c
<input type="checkbox"/>		Rachel gave 15% of her sticker collection to her brother. The number of stickers	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (6)	6.RP.A.3.c
<input type="checkbox"/>		Tia is purchasing a computer that costs \$450 but is on sale for 20% off. Select	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (2)	6.RP.A.3.c







Page 1 of 2 (10) « < 1 2 > »

At any time, you can click the blue magnifying glass icon to preview the items you might want to add to your quiz.

Clicking either icon does the same thing.













**Question Search**

Unit: Unit 3 Percents Lesson: Lesson 3.3 Percent of a Number  
 Challenge: Any Standard: Any

Add to Quiz	Preview	Question Name	Unit	Lesson	Challenge (Order)	Standard
<input checked="" type="checkbox"/>		Complete the table.	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (1)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Sierra wanted to save \$150 before going on vacation. She earned 60% of the money	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (4)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Sixty teenagers are at a skating rink. Eighteen of the teens are in-line skating	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (3)	6.RP.A.3.c
<input type="checkbox"/>		Determine if the following expressions have a value of 15. Select Yes or No for	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (2)	6.RP.A.3.c
<input type="checkbox"/>		Rachel gave 15% of her sticker collection to her brother. The number of stickers	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (6)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Tia is purchasing a computer that costs \$450 but is on sale for 20% off. Select	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (2)	6.RP.A.3.c

Page 1 of 2 (10)

**This Custom Quiz**

Drag	Preview	Question Name	Standard	Remove
		Tia is purchasing a computer that costs \$450 but is on sale for 20% off. Select all the expressions	6.RP.A.3.c	
		Sixty teenagers are at a skating rink. Eighteen of the teens are in-line skating and 24 are roller s	6.RP.A.3.c	
		Sierra wanted to save \$150 before going on vacation. She earned 60% of the money doing chores. Her u	6.RP.A.3.c	
		Complete the table.	6.RP.A.3.c	

Delete Back Cancel Save

Select the boxes under 'Add to Quiz' to add questions to your custom quiz. Selected questions appear under 'This Custom Quiz'.

**Question Search**

Unit:  Lesson:

Challenge:  Standard:

Add to Quiz	Preview	Question Name	Unit	Lesson	Challenge (Order)	Standard
<input checked="" type="checkbox"/>		Complete the table.	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (1)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Sierra wanted to save \$150 before going on vacation. She earned 60% of the money	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (4)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Sixty teenagers are at a skating rink. Eighteen of the teens are in-line skating	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (3)	6.RP.A.3.c
<input type="checkbox"/>		Determine if the following expressions have a value of 15. Select Yes or No for	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part B (2)	6.RP.A.3.c
<input type="checkbox"/>		Rachel gave 15% of her sticker collection to her brother. The number of stickers	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (6)	6.RP.A.3.c
<input checked="" type="checkbox"/>		Tia is purchasing a computer that costs \$450 but is on sale for 20% off. Select	Unit 3 Percents	Lesson 3.3 Percent of a Number	Online Practice Part A (2)	6.RP.A.3.c

Page 1 of 2 (10) << < 1 2 > >>

**This Custom Quiz**

Drag	Preview	Question Name	Standard	Remove
		Tia is purchasing a computer that costs \$450 but is on sale for 20% off. Select all the expressions	6.RP.A.3.c	
		Sixty teenagers are at a skating rink. Eighteen of the teens are in-line skating and 24 are roller s	6.RP.A.3.c	
		Sierra wanted to save \$150 before going on vacation. She earned 60% of the money doing chores. Her u	6.RP.A.3.c	
		Complete the table.	6.RP.A.3.c	

Delete Back Cancel Save




Remove selected questions any time by clicking the 'Remove' button.

Select the 'Save' button when you are finished adding questions.



Teachers can manage custom quizzes the same way they can manage other assignments in their 'Assignments' page. The same manage actions apply to custom quizzes as all other assignments.

The screenshot shows the EdGemsMath interface for a teacher. The top navigation bar includes the EdGemsMath logo, 'Home', 'My Classes', and 'Admin Config'. A dropdown menu is set to 'Sample 6th Grade'. Below this, a blue header bar reads 'Sample 6th Grade > Assignments' with a 'Back to Content' link. The main content is a table with the following data:

Name	Unit	Lesson	Created	Assignments Complete	Actions
Custom Quiz	Custom Quizzes	Custom Quiz	3/26/2020 12:38:05 PM	0	  

A blue arrow points to the action icons for the 'Custom Quiz' row.

Students can view and take custom quizzes the same way they view and take other assignments in their 'Assignments' page.

The screenshot shows the EdGemsMath interface for a student. The top navigation bar includes the EdGemsMath logo, 'Home', and 'My Scores'. A dropdown menu is set to 'Sample 6th Grade'. Below this, a blue header bar reads 'Sample 6th Grade > Assignments' with a 'Back to Content' link. The main content is a section titled 'Custom Quizzes' with a table containing one entry:

Assignment	Lesson	Resource	Assigned	Status
Custom Quiz	Custom Quiz	Custom Quiz	3/26/2020 12:38 PM	<span>New</span>

Once a custom quiz is created, a new option appears when selecting 'Custom Quiz' from the class homepage. Clicking the quiz title you created will bring you to the icons on the next page.

The class homepage features a grid of unit cards and a custom quiz button. The cards are:

- Unit 4: Fraction Operations (purple background, icon of a yellow bucket with  $\frac{1}{3}$  and '1')
- Unit 9: Area & Volume (green background, icon of a pink cube)
- Unit 5: Expressions (pink background, icon of a person with  $2(x-8)$ )
- Unit 10: Statistics (red background, icon of a bar chart)

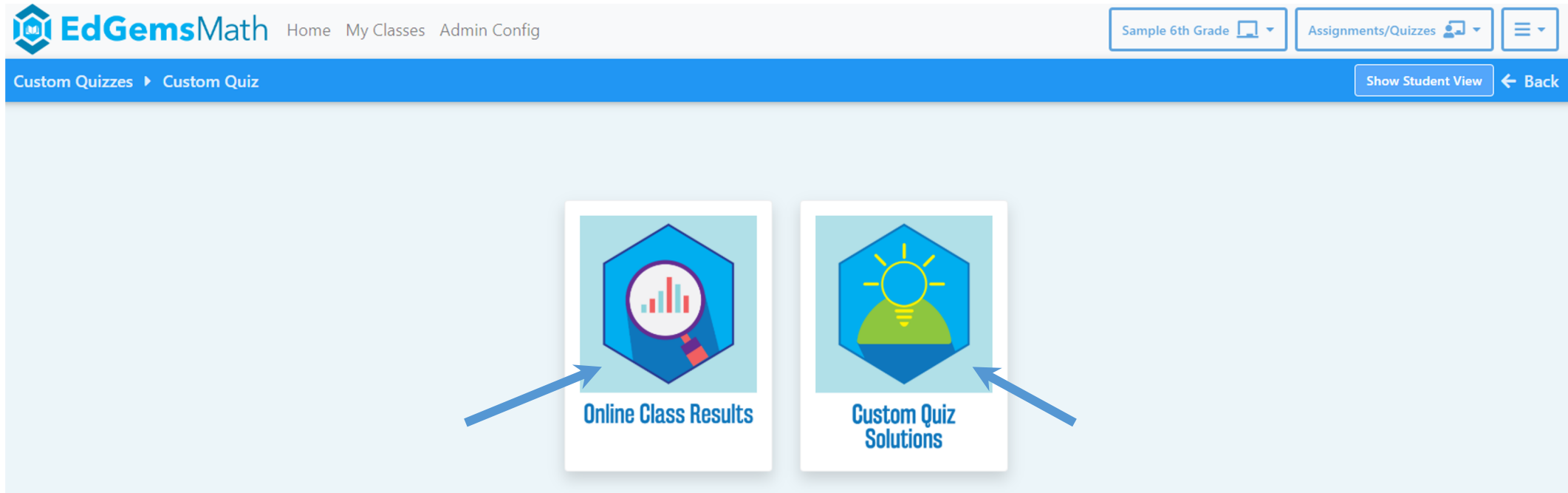
Below the grid is a blue button with a yellow icon of a computer monitor and the text "Custom Quiz".

The "Custom Quizzes" modal window has a blue header with a close button (X). Below the header, it says "Select a title to continue". There is a yellow icon of a computer monitor and a blue button labeled "Custom Quiz". Below this is a list of quizzes:

- + Create a Quiz
- Custom Quiz 3/26/2020

A blue arrow points from the "Custom Quiz" button in the class homepage to the "Custom Quiz" entry in the modal window.

Click the Online Class Results icon to see you student scores. Click the Custom Quiz Solutions icon to view the solutions – as explained on the next page.




The screenshot shows the EdGemsMath interface. At the top left is the EdGemsMath logo with navigation links for Home, My Classes, and Admin Config. On the top right, there are dropdown menus for 'Sample 6th Grade', 'Assignments/Quizzes', and a hamburger menu. Below the header is a blue navigation bar with 'Custom Quizzes' and 'Custom Quiz' on the left, and 'Show Student View' and 'Back' on the right. The main content area features two large icons: 'Online Class Results' (a bar chart) and 'Custom Quiz Solutions' (a lightbulb). Blue arrows point to each of these icons.

To see the solutions, click the quiz title.

**Custom Quiz** ✕

Select to view solutions

Custom Quiz ← On/Off



Custom Quiz Solutions

Once your quiz opens, click the toggle to the right at the top of the page

Sample 6th Grade ▾ | Assignments/Quizzes ▾

**Toggle to Right for Solutions:**  Preview ←





Question 1 sample solution.

**Item 1**

Complete the table.

Number	10	25	40	50	110
30% of Number	3	7.5	12	15 ✓	33 ✓

From this page, you can also assign your custom quiz to students using the 'Assignments/Quizzes' dropdown menu. The assignment process works the same way as any other assignment. Custom quizzes, like Challenge Gems and Online Practices, cannot be taken again once a student has completed it.

-  Create Assignment
-  Manage Assignments
-  Create a Quiz
-  Edit Quiz

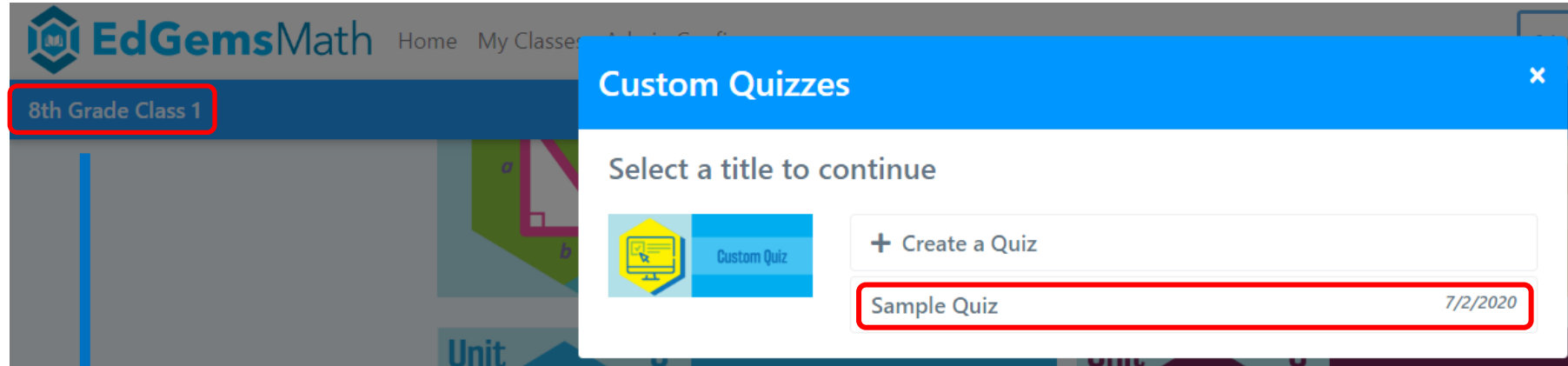


Online Class Results



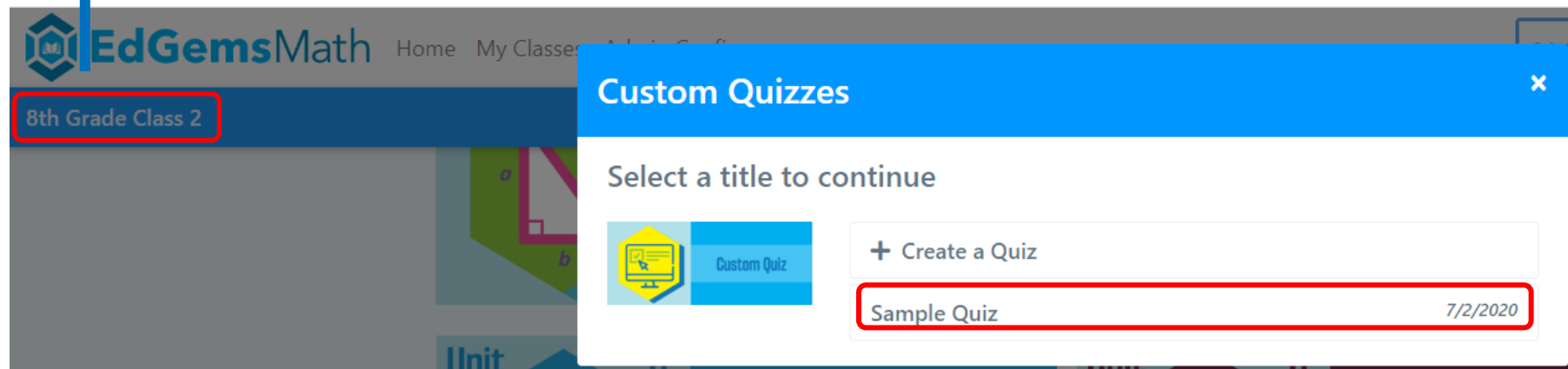
Custom Quiz Solutions

Custom quizzes created in one class will show up in all classes, as long as the classes are in the same grade. You can assign the same quiz to students on a class-by-class basis.



The screenshot shows the EdGemsMath interface for '8th Grade Class 1'. A modal window titled 'Custom Quizzes' is open, displaying a 'Sample Quiz' with a date of 7/2/2020. The modal includes a 'Create a Quiz' button and a 'Custom Quiz' icon.

Notice that the same quiz available in two different classes, but both classes follow the 8<sup>th</sup> grade curriculum.



The screenshot shows the EdGemsMath interface for '8th Grade Class 2'. The same 'Custom Quizzes' modal is open, displaying the 'Sample Quiz' with a date of 7/2/2020. This demonstrates that the quiz is shared across different classes within the same grade.