



piqosity

In the Classroom

Fall 2016

pique curiosity

Piqosity in the Classroom



1

Get ready for class by working through each problem you plan to present.

🕒 5 minutes per problem

Prepare

1. Prepare for class by working ahead
2. Select the course you want to prepare for
3. Click the play icon for your desired topic
4. Select the number of questions you want
5. Work the exam
6. Make offline notes for each question

2

Present the problems you prepared and have students work together as a class.

🕒 Half of the class

Present

1. Display the same quiz you worked earlier
2. Work the quiz together as a class
3. Use your notes to expound on each question
 - a) Subject-specific background information
 - b) How to solve the problem step-by-step
 - c) Relevant strategies or tips

3

Assign students to practice individually on Piqosity in the remaining class time.

🕒 Half of the class

Practice

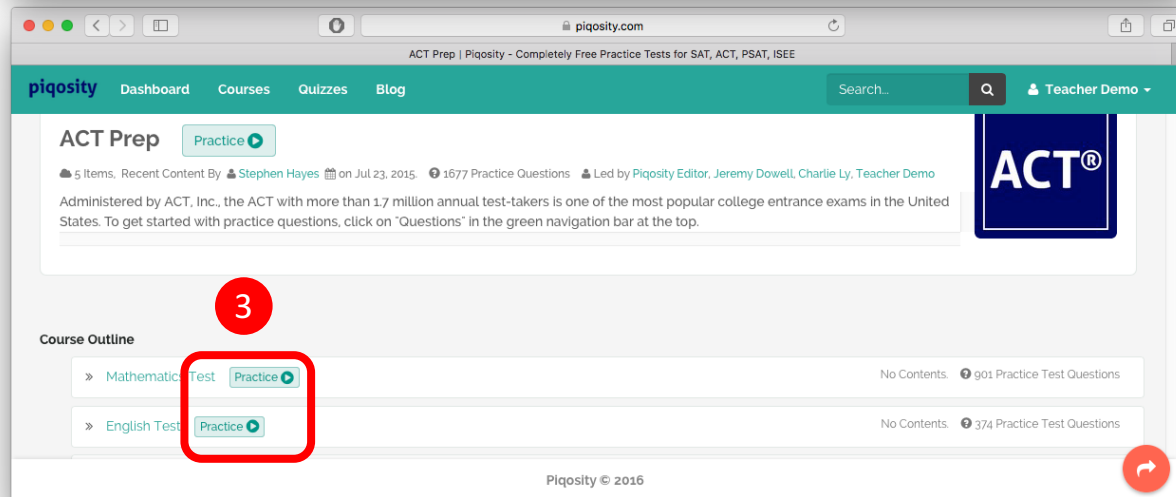
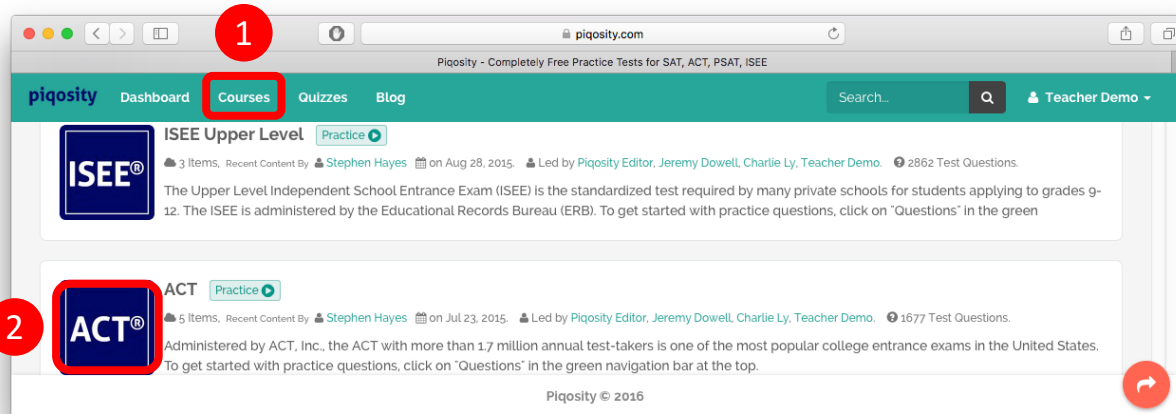
1. Have students log into their Piqosity accounts
2. Choose what topic they practice
3. Float among students and help them 1-to-1
4. Ensure students submit results
5. Optionally assign homework
6. Monitor student progress
7. Address weaknesses offline

Preparing for Class



Prepare
1-3

1. Click on the "Courses" link in the green navigation bar
2. Click on the icon of the course you want to prepare for
3. Click on the "Practice" button next to the topic you want to prepare for



Creating a Practice Quiz



Prepare 4-5

4. Select the number of questions you want to present in the next class. We recommend allotting up to 5 minutes per question; therefore, if you have a 50 minute class period, you should plan on presenting just 5 Math questions or 1 English, Reading, or Science passage.
5. Click on **Start Exam** and work through the problems; *it doesn't matter if you get them right*.

ACT Assessment

Course: ACT Topic: Mathematics Test SubTopic: All SubTopics

Easy: 1 Medium: 3 Hard: 1

Reinforce your Skills ?

Push Yourself ?

If you press the **Start Exam** -Button your exam will start immediately and you will not have the possibility to pause or stop the test until its finished.

Cancel Start Exam

You can select the exact number of questions and difficulty that you want.

Taking Notes



Prepare 6

6. Review your answers and ensure that you will know how to explain the question to the students in class. For each question, you should prepare in your notes offline:
- Subject-specific background information (i.e. supplementary angles)
 - How to solve the problem step-by-step
 - Relevant strategies or tips (i.e. how to eliminate answer choices or work faster)

You may find a question that contains an error or is otherwise unusable. Flag it for editor review.

Every question is tagged with topic, difficulty, author, and % of students answering correctly

The screenshot shows the Piqosity website interface. At the top, there's a navigation bar with links to Dashboard, Leaderboard, Courses, Quizzes, and Blog. A search bar and a user profile (Patrick Pup) are also present. The main content area displays a math question: "In a plane, the distinct lines AB and CD intersect at A, where A is between C and D. The measure of angle BAC is 42 degrees. What is the measure of angle BAD?". Below the question are five answer choices: 42, 57, 89, 133, and 138. The choice 89 is marked as correct with a checkmark. To the right of the question, there is an "Answer explanation" section with a text box and a button that says "Unclear? Ask for an explanation.". Below the question, there is a red box highlighting the question's metadata: "Sub Topic: Plane Geometry/ Trigonometry", "Difficulty: Easy", "Author: Rachel Wiggins", and "In Exams: 16.67 % answered correctly".

Most questions will have an answer explanation already.

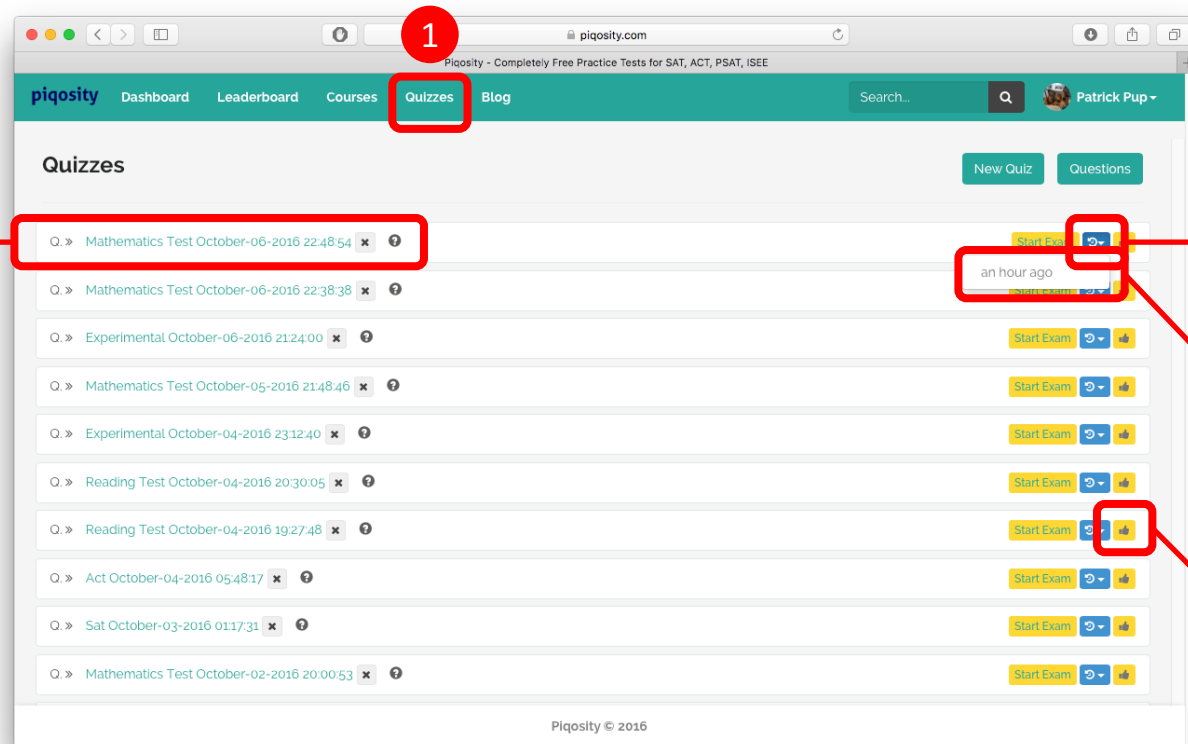
Finding Your Quiz



Present 1

1. Display to the class the same quiz you prepared earlier
 - a. Find it by clicking on Quizzes in the green nav bar and selecting from the list below
 - b. Quizzes are automatically titled for the subject, date, and time when you created it

To view a clean copy of the quiz, click on the title or on the yellow “start exam” icon



To view your previous answers to the quiz, click on this replay icon

Then click on the time for the result you want.

You can also assign a student to take a quiz you’ve already prepared by e-mailing them the link with this icon.

Presenting the Quiz



Present 2-3

2. As a class, work through each problem to correctly answer it
3. Use your prepared offline notes to expound on each question:
 - a) Subject-specific background information (i.e. supplementary angles)
 - b) How to solve the problem step-by-step
 - c) Relevant strategies or tips (i.e. how to eliminate answer choices or work faster)

The screenshot shows the Piqosity website interface. At the top, there's a navigation bar with links: Dashboard, Leaderboard, Courses, Quizzes, and Blog. A search bar and a user profile icon labeled 'Patrick Pup' are also present. The main content area displays two math problems, numbered 1 and 2.

Problem 1: In a plane, the distinct lines AB and CD intersect at A, where A is between C and D. The measure of angle BAC is 42 degrees. What is the measure of angle BAD?

Answer choices for Problem 1: 42, 57, 89, 133, 138.

Problem 2: The figure below shows the design of a circular stained-glass panel on display at Hopewell's Antique Shop. Seams separate the pieces of the panel. All the red triangular pieces shown are congruent and have a common vertex with each adjoining triangular piece. The 2 squares shown are inscribed in the circle. The diameter of the panel is 2 feet.

The figure shows a circular stained-glass panel with a central yellow square, surrounded by red triangular pieces, and an orange piece. Labels indicate 'seam', 'orange piece', 'yellow piece', and 'red piece'.

Answer choices for Problem 2: Infinitely many, 2, 4, 8, 16.

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Individual Student Practice



Practice 1-3

1. Have each student sign into their individual Piqosity accounts
2. On their dashboard, have them click on the  icon next to the relevant topic
3. Allow them to work through the quiz in the remaining class time
 - a) As students become more advanced, you should time their quizzes
 - b) Float between students to help them one-to-one

The screenshot shows the Piqosity dashboard for a user named Patrick Pup. The dashboard includes a navigation bar with links to Dashboard, Leaderboard, Courses, Quizzes, and Blog. A search bar and a user profile icon are also present. The main content area displays a progress bar indicating 16% of the goal achieved, a 'Practice' button, and five performance metrics: Exam Score (15 out of 36), Weighted Score (0.74 out of 5), Questions Worked (422 Total), Accuracy (26% All Time), and Accuracy (24% Last 100). A line graph shows the 'Weighted Score Over Last 30 Days' with data points for Sep/8, Sep/15, Sep/22, and Sep/29. Below the graph, a table lists various tests with their respective scores and completion times. A red box labeled '1' highlights the user profile icon in the top right corner. Another red box labeled '2' highlights a vertical column of play button icons on the right side of the table, which are used to start a quiz for a specific topic.

Course / Topic / SubTopic	Score	Weighted Score	Questions Worked	Accuracy	Completion Time
ACT	25	0.74	422	26%	yesterday at 2:47pm
English Test	9	0.77	96	25%	on Sep 23
Mathematics Test	14	0.54	247	19%	yesterday at 2:47pm
Reading Test	14	0.98	49	33%	Tuesday at 10:5pm
Science Test	24	1.87	30	67%	on Sep 14

Student Results



Practice 4

4. Ensure that students submit their results before the end of class
 - a) Have them flag a question if it's wrong or otherwise unusable
 - b) They can also request answer explanations from you or other teachers

You may find a question that contains an error or is otherwise unusable. Flag it for editor review.

The screenshot shows the Piqosity website interface. At the top, there's a navigation bar with links: Dashboard, Leaderboard, Courses, Quizzes, and Blog. A search bar and a user profile (Patrick Pup) are also visible. The main content area displays a math question: "In a plane, the distinct lines AB and CD intersect at A, where A is between C and D. The measure of angle BAC is 42 degrees. What is the measure of angle BAD?". Below the question are five input fields with the values 42, 57, 89, 133, and 138. The value 89 is marked with a checkmark, indicating it's the correct answer. To the left of the question, there's a red square button with the number 1 and a flag icon, which is highlighted with a red box. To the right of the question, there's a section titled "Answer explanation:" with a text box containing the explanation: "To find this measure, the total of these two angles must be 180 because it is a straight line, so take the measure of the given angle and subtract it from 180 to find the measure of the unknown angle." Below the explanation is a button that says "Unclear? Ask for an explanation." with a question mark icon. This section is also highlighted with a red box. At the bottom of the page, there's a footer with the Piqosity logo and copyright information.

Most questions will have an answer explanation already but students can request additional explanations.

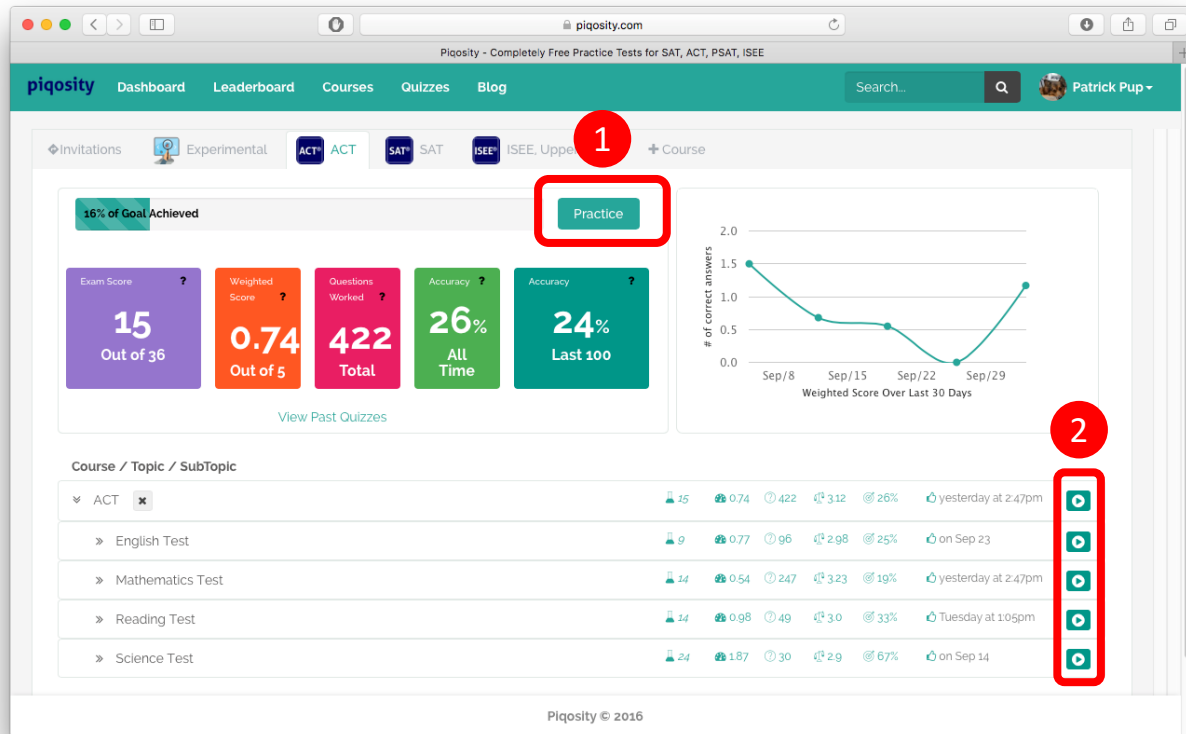
Homework



Practice 5

5. Optionally assign homework

1. Assign students to click the Practice button, which will generate an ~25 question quiz across their weakest areas (unique to each student) and will require 25 minutes to an hour for them to complete
2. Assign students to click the  icon for a specific topic, which will generate an ~15 question quiz and will require 15 to 30 minutes to complete



The screenshot shows the Piqosity dashboard for a user named Patrick Pup. The dashboard includes a navigation bar with links to Dashboard, Leaderboard, Courses, Quizzes, and Blog. Below the navigation bar, there are tabs for Initations, Experimental, ACT, SAT, and ISEE. The main content area displays a progress bar showing 16% of the goal achieved, a 'Practice' button (highlighted with a red box and a red circle labeled '1'), and a graph showing the number of correct answers over the last 30 days. Below the graph, there is a table of quiz results for various topics, including English Test, Mathematics Test, Reading Test, and Science Test. The table columns include the number of questions, weighted score, total questions, accuracy, and the date and time of the quiz. A red box labeled '2' highlights the play button icons for each topic in the table.

Course / Topic / SubTopic	Questions	Weighted Score	Total Questions	Accuracy	Date / Time	
ACT	25	0.74	422	3.12	26%	yesterday at 2:47pm
English Test	9	0.77	96	2.98	25%	on Sep 23
Mathematics Test	14	0.54	247	3.23	19%	yesterday at 2:47pm
Reading Test	14	0.98	49	3.0	33%	Tuesday at 10:5pm
Science Test	24	1.87	30	2.9	67%	on Sep 14

Student Performance Monitoring

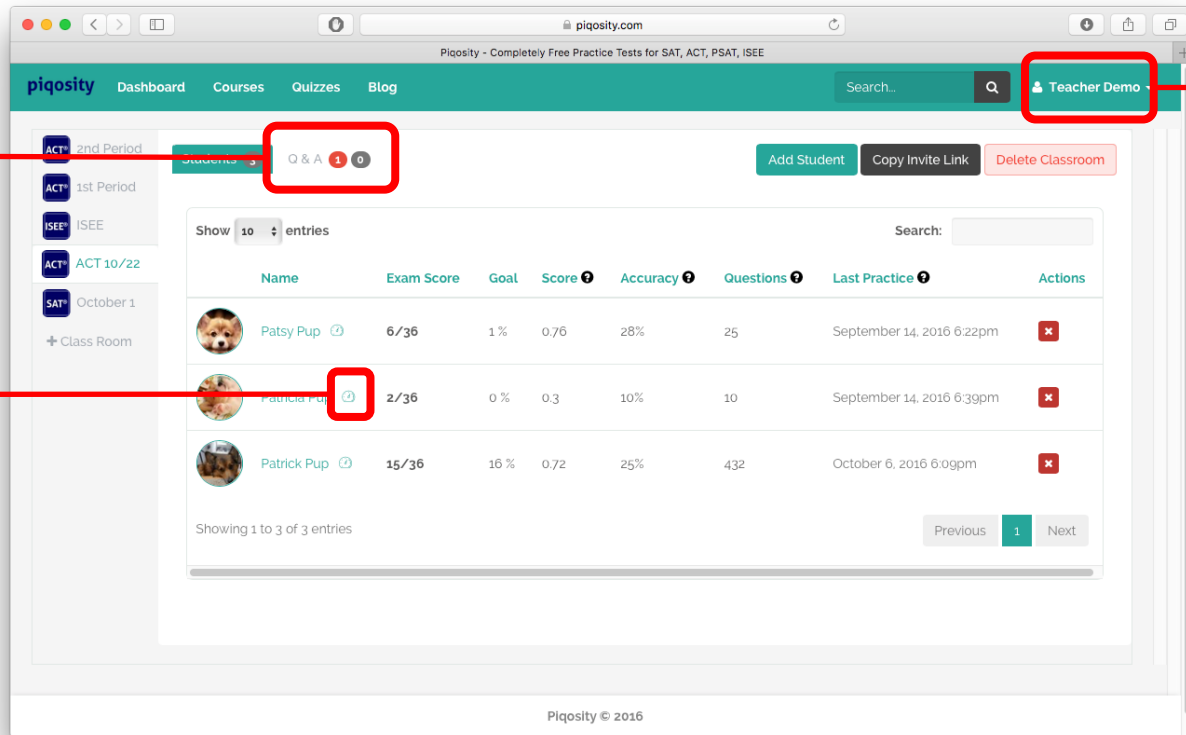


Practice 6-7

6. Monitor student performance
7. Address demonstrated student weaknesses offline

Questions from your students are denoted by the number in red

Click on the  icon to view a student's dashboard for detailed strength and weakness analysis



Piqosity - Completely Free Practice Tests for SAT, ACT, PSAT, ISEE

piqosity Dashboard Courses Quizzes Blog Search... Teacher Demo

Add Student Copy Invite Link Delete Classroom

Show 10 entries Search:

Name	Exam Score	Goal	Score	Accuracy	Questions	Last Practice	Actions
 Patsy Pup 	6/36	1 %	0.76	28 %	25	September 14, 2016 6:22pm	
 Patricia Pup 	2/36	0 %	0.3	10 %	10	September 14, 2016 6:39pm	
 Patrick Pup 	15/36	16 %	0.72	25 %	432	October 6, 2016 6:09pm	

Showing 1 to 3 of 3 entries Previous 1 Next

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You must be logged into your **teacher** account to view your students.

You cannot be simultaneously logged in as both a student and teacher on the same browser. Ensure that you **log out** before switching accounts or use a different browser for each account.

*We can build a winning
program together.*



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