

Pinpoint and address academic challenges with Diagnostic Quizzes from Tutor.com™

Every student is unique, as are their academic challenges. Students come to a course excited to learn new academic concepts, but they often face knowledge gaps that may be an obstacle to success. The key to helping these students is being able to identify their individual knowledge gaps before they snowball into a barrier for advancement.

With Tutor.com's diagnostic quizzes, we help you identify where students are having trouble and connect them with the help they need with the push of a button—at the time and place that works best for them.

HOW IT WORKS

- Students answer 10-25 multiple choice questions aligned to a specific subtopic within a subject. For example, inequalities in algebra.
- Students receive a score report indicating which questions the student got wrong.
- For each missed question, a **Discuss with a Tutor** button connects a student with an expert tutor. The question is transferred to the tutor, who works with the student to help them master that specific topic.

The screenshot shows a quiz titled "Linear Models" with a progress bar at the top. Below the progress bar, there are buttons for "Discuss with a tutor" and "Resources". The main content area displays a question: "Your friend has \$80 when he goes to the fair. He spends \$4 to enter the fair and \$12 on food. Ride at the fair cost \$1.25 per ride. Which function can be used to determine how much money he has left over after x rides?". To the right of the question, there is an "Answers" section with three options: $f(x) = 1.25x + 64$ (marked as missed), $f(x) = -16x + 80$, and $f(x) = -1.25x + 64$ (marked as correct). A "Next >>" button is at the bottom right.

THE IMPORTANCE OF DIAGNOSTIC QUIZZES

These quizzes are designed to help students test their core competencies and focus on areas where they may be lacking prerequisite knowledge. With an immediate connection to a tutor, students can begin to address the areas where they're struggling to avoid falling behind, reducing the risk of withdrawal from a course.

The screenshot shows a score report for "Linear Models". It displays a score of 85%. Below the score, there is a list of missed questions with their question numbers (1, 3, 26, 27) and buttons for "Review your answer" and "Discuss with a tutor". A note at the bottom left says: "Looks like you need some help with this material, but that's OK - our tutors are here for you."

Diagnostic quizzes are available in:

- Algebra I
- Algebra II
- Biology
- Chemistry
- English I
- English II
- English III
- English IV
- Geometry
- Liberal Arts Math
- Physics

DATA AND ANALYTICS FROM DIAGNOSTIC QUIZZES

Tutor.com provides real-time access to score reports from diagnostic quizzes taken by your students. Our data and analytics will help you:

- Identify the questions answered incorrectly by specific students so that faculty, advisors and/or success coaches can better plan targeted outreach and intervention.
- Identify the topics (questions) in aggregate that students missed from a specific course to inform curriculum and instructional design.