Edgenuity Feedback Study

Purpose

Edgenuity is currently developing a supplemental online test preparation program for students in grades 6 through 8. On October 29 and 30, 2015, Edgenuity would like to conduct a formative usability study to gain early insight into students' experience with some of the program components.

Participants

To participate in the study, the school/district must be willing to:

- ✓ Provide Edgenuity testers with students in Grades 6, 7, or 8 who are at, above, or <u>slightly</u> below grade level (students more than a full grade below grade level are not eligible to participate)
- ✓ Require those students to come into a school setting to experience the same experimental work environment:
- ✓ Have each student participate in a one-on-one interview with an Edgenuity researcher; and
- ✓ Provide student-level demographic data from each participating student.

Research Questions

The study will seek to answer the following research questions:

- **1.** To what extent do students understand the tasks, directions, instruction, and navigation in the program?
- **2.** To what extent are students able to correctly perform the tasks expected of them?
- **3.** How do hints, feedback, and written and multimedia instructional elements contribute to the student experience?
- 4. How do students perceive specific elements of the program?

Research Design

Each student will spend 45-60 minutes interacting with an Edgenuity researcher and using the program. Some students will either answer math items or reading items, and some students may answer both.

Study Measures and Instruments

- 1. **Student Demographic Data:** Student demographic data (English language status, special education classification, ethnicity, age, gender, and free or reduced-price lunch status, proficiency in subject area, general level of engagement in school) will be collected for each study participant prior to Edgenuity's arrival on site.
- 2. **Student Observations:** As students interact with the program, an Edgenuity researcher will monitor and ask questions. The Edgenuity researcher will record student responses and actions.
- 3. **Student Interviews:** After instructional time, an Edgenuity researcher will interview each student individually about their perceptions of the program.

Requirements

The middle school will:

- 1. Recruit students for the following times on Thursday, October 29:
 - a. 9 am: 4 students
 - b. 10 am: 4 students
 - c. 11 am: 4 students
 - d. 12 noon: 5 students

- e. 1 pm: 5 students
- f. 2 pm: 2 students
- g. 3 pm: 2 students
- 2. Recruit students for the following times on Friday, October 30:
 - a. 9 am: 2 students
 - b. 10 am: 2 students
 - c. 11 am: 2 students
 - d. 12 noon: 2 students

Students should represent a mix of demographics and proficiency

- 3. Provide a computer lab or other appropriate space with computers and seating
- 4. If necessary, send home and collect parent release forms for student participants