

Unit 1 Design Challenge
Quiz App Challenge & Check Sheet

There are many categories of apps, including utilities, productivity, educational, entertainment, games, news, lifestyle, social networking. The skill of app development is educationally, socially, and economically profitable.

You have already partnered with a team of classmates around a topic and a computing innovation. Your main goal is to communicate to others about this topic & innovation. You will be using a Design Vision approach to create an **educational app** that you will customize to have the following features…

- Information structure that includes
  - A brief description of your selected topic
  - An interactive quiz about your topic that contains 3 - 5 informational questions. The answers to these questions should be found on the associated website that your team is creating.
  - All images, videos, etc. will be cited unless you created them yourself in their entirety. These citations will appear on the final screen of the game. The final screen should also have the design team name & logo on it.

- Technical attributes of app include
  - Use MIT AppInventor2 to create the app
  - A start screen with images & format that relate to your topic.
  - An instruction screen
  - A start button to begin the quiz game.
  - Each question should have multiple choice answers that the user will select.
  - The user should be informed if their answer was correct. If not, they should be informed about the correct answer before moving on to the next question.
  - Scoring system: when the game is completed, the user should know how many questions they answered correctly.
  - Debug code so that it runs correctly

Quiz App Challenge Check Sheet

Check off the criteria in the two columns below in relationship to the Challenge

Information Structure Criteria	Technical Criteria
Description of topic 3 - 5 quiz questions Answers to quiz questions should be found on your team's website within the content of the site. All images/videos properly cited Design team name & logo included at the end of the game	Start screen Instruction screen Start button Each question has multiple choice answers User notified if answer was correct or incorrect. Explanation given of correct answer Scoring system

Further details on app creation will be given in team meetings.