

Name: _____

CANVAS Project Quiz Due: Friday April 7, 2017
Quiz Board Major Project Due: Tuesday, April 11, 2017

Period: _____

Electric Quiz Board 2017

Each student will use 10 questions and answers (in matching form) from the CANVAS project quiz that they must take as part of this project. They must then design and build an electronic quiz board which must cause a light to turn on ONLY when a question is connected to the correct answer. The quiz board must be created on a piece of poster or foam board (see below for dimensions).

Materials:

piece of poster or foam board **no larger** than 22" x 28" and no smaller than 11" x 14"

Light or LED

Battery (batteries)

Conductors (wires or strips of aluminum foil)

Additional "add on" materials as needed

Questions and Answers Submitted via CANVAS:

Each student will use 10 questions and answers (in matching form) from the CANVAS project quiz that they must take as part of this project. The CANVAS project quiz must be completed by Friday April 7, 2017.

Quiz Board Construction Requirements, Rules, and Remarks:

1. Quiz board must use the 10 questions from the CANVAS project quiz.
2. **Questions may NOT be handwritten.** They must be computer generated or drawn by stenciling.
3. Not *all* questions and answers can be directly across from each other.

Bonus Points:

Projects that are turned in early can earn a maximum of 5 bonus points, 0.5 point will be awarded for each school day (weekends do not count) the project is turned in early. For example, a project turned in on or before March 28, 2017 would receive a bonus of five points. **Note: the CANVAS project quiz must be completed prior to the student turning in an early Quiz Board.**

Grading:

To receive any points on the project, the student must construct a quiz board that is capable of working.

CANVAS Project Quiz completed by due date 30 pts

Quiz board includes required materials and meets construction requirements: 40 pts
(Hand written questions and answer will have a 20-point deduction.)

The light turns on only when correct answers are connected. 30 pts

A student who is absent should arrange to have his/her project dropped off in the front office with student name, teacher's name, and class period attached to it.

Projects are due when the tardy bell rings. Any project not in class and completed at that time will **not** be accepted. Late projects **WILL NOT** be accepted, and the student will receive a zero on the project. However, students will be given an opportunity to take the cumulative 9 weeks test to replace the zero. The test will be given on May 15th, after school. Students must complete the requirements for the test prior to May 12th.