

Toshiba Project #2 "Detecting Food Pathogens"

Title: - Detecting Food Pathogens

Content Area/Topic: -Research III

Grade Level: - 10 & 11

General Objective(s): -

- Develop a highly modernized and technologically advanced technique that allows for detection of food pathogens in the household.
 - Student example
 - Scanner connected to phone
- Describe common food pathogens, and their sources, that cause diarrhea diseases and death.

Description: - This activity requires students to investigate food pathogens and techniques that help prevent the spread of resulting disease.

Instruction: -

- Students are to thoroughly food borne illnesses, their causes and prevention techniques.
- Students are to develop an **ORIGINAL** and **HIGHLY MODERNIZED** device that screens for food borne pathogens.
- Students are to provide FULL details regarding how their device would work in the household.

Assessment: -Students will be assessed with a teacher developed rubric based on quality of research, collaboration and quality of the information provided on the pamphlet. Students may also be assessed by their peers.