Food Safety and Foodborne Illnesses

Summary
Prior to starting the project students will take a home safety survey. Students will complete a powerpoint presentation on a foodborne illness and present it to the class. As an additional activity we will do an experiment on food safety.

Main Core Tie
Health Education I (7-8)
Strand 3: SAFETY AND DISEASE PREVENTION (SDP) Standard HI.SDP.6:

Time Frame
10 class periods of 45 minutes each

Group Size
Individual

Materials
- Internet access
- Rubric for presentation
- Worksheet for the Food safety experiment

Student Prior Knowledge
As a last lesson in the unit students will have an understanding of what are pathogens, how the immune system helps us to try to stay healthy.

Intended Learning Outcomes
Students will learn about pathogens that cause foodborne illnesses. Students will learn food safety at home in order to prevent getting sick. From the experiment students will be able to observe how bacteria affects food.

Instructional Procedures
Students will have one week in the computer lab to complete the powerpoint and one week of class time for presentations. Students will record for one week the results from the Food safety experiment and share the results with the class.

Strategies for Diverse Learners
Special needs students will get a modified, simpler rubric for the powerpoint and allowed extra time as required by their 504’s or IEP.

Assessment Plan
Students will be assessed on their behavior in the computer lab and during class presentations. Students will be graded on results of the experiment.

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