

Name:

Due Date

College & Career Awareness  
Cycle: Systems  
When Food Fights Back  
Who Wants to be a Health Care Worker?



**Overview:** The food we eat and the things we drink, including water, can become contaminated by bacteria, viruses, parasites, toxins or chemicals that can make us sick. Here are some food borne illness statistics:

- 48 million illnesses in the US
- 128,000 hospitalizations
- 3,000 deaths
- Over 1,000 outbreaks

Contamination of food can occur during production, processing, distribution, or preparation.

Essential question: How do I prevent becoming sick from food? How do I make sure my food stays safe?

Terms: Food borne illness, cross contamination, sanitary, danger zone

Checklist:

\_\_\_ 6 students will select a clear cup of liquid. They may not smell, taste, or spill its contents. As music plays they will visit with each other. As they chat one person will dump the contents of their cup into another's and then re-distribute the liquid between that person. Observe how many people each person talks to and swaps liquids with before the song ends.

\_\_\_ Participate in the discussion: What were the reactions in the different cups?

\_\_\_ Watch [video clip](#) (posted on blog) about food borne illness

\_\_\_ Each group will be assigned one question to focus on & present an answer to the class. Select two questions to record & answer in your output.

Group 1: Where does food borne illness come from?

Group 2: What are the symptoms?

Group 3: How can you prevent it from occurring?

Group 4: What is the *danger zone*?

Group 5: How can you be sure your food stays safe?

\_\_\_ Watch [video clip](#) (posted on blog) about a health inspector

\_\_\_ You are going to become a health inspector for the day. You will watch three videos that expose you to three environments. You are to identify what went wrong as well as point out good food handling practices.

[Example #1](#)

[Example #2](#)

[Example #3](#)

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## Who Wants to Be a HealthCare Worker?



**Overview:** Within the Healthcare Science pathway are some sub-pathways. Healthcare can be broken down into five basic areas;

- **Biotechnology Research and Development:** Use scientific and technical advancements to enhance diagnostic and therapeutic activities in healthcare.
- **Diagnostic:** Create a picture of patient health status at a single point in time.
- **Health Informatics:** Provide functions that support and document patient care.
- **Support Services:** Provide a therapeutic environment for the delivery of healthcare.
- **Therapeutic:** Maintain or change the health status of the patient over time

Today we are going to play a game to achieve the highest possible knowledge level associated with increasingly difficult questions about healthcare. Just as more education improves a person's employment options in the world of work, this game advances you to more difficult questions. To illustrate this our first question is a 100\$ question and is associated with kindergarten. Progressing in the game increases your dollar amount and moves you through elementary, jr. high, high school, certificate/associates, Bachelor's, and Graduate student.

Essential question: How will education and career education assist you in making long-range plans?

Checklist:

\_\_\_ There is not input or output today! Enjoy the game!