

Lesson Plan

Grade level(s): 7-12

Topic: Health; Science; Family Consumer Science; Language Arts

Objective(s): To identify food borne illnesses, its causes and the prevention of.
To describe symptoms exhibited from each food borne illness.

Big6 Skills:

- Brainstorm to identify food borne illnesses
- Work in teams of three to gather, evaluate and synthesize information to present to class in role playing.

Materials Required:

- Media Center and classroom resources
- Internet access
- LII- Databases
- Word processing program
- Pen, pencil
- Paper
- Computer

Time Required:

1 week

Description of activities:

Discussion on food borne illnesses

Introduce unit by reading "Be food safe and avoid food-borne illness." Nation's Health. 11/2007, or by reading one of the 2008 beef recall newspaper articles.

- Research botulism (*Clostridium botulinum*); campylobacteriosis (*Campylobacter jejuni*); E. coli (*Escherichia coli*, commonly called E. coli); perfringens (*Clostridium perfringens*); salmonellosis (*Salmonella*); shigellosis (*Shigella*); staphylococcal infection (*Staphylococcus aureus*).
- Divide students into teams of 3-4, and assigning each team a mystery food borne illness.
 - Team researches the various food borne illnesses, how to prevent those illnesses, and the symptoms associated with each.
- Each team is given card with a *mystery* food borne illness that they are to role play in class (class tries identify each teams mystery illness, from the role playing, skit)
 - Team decides how to role play their mystery illness.

Assessment:

- Class can identify the mystery illness being role played.

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