



Instructor: Robin Bogush (2003 Science Teacher Workshop participant)

School District: South Amboy

Lesson Title: Food Irradiation: Research on Irradiating Food

Grades: 4,5,6

Subjects: Library/Computer/Health/Science

Overview: Practicality of irradiating food. The Pros and Cons.

Objectives:

Goal: Students will be able to answer general questions on food irradiation.

Strategy: Students will conduct research using a variety of material to create note cards and an outline for an essay.

Assessment: Students will receive 50% for the note cards and 50% for the outline.

Materials and Resources:

- Note cards, library resources, internet and various websites.
- www.physics.isu.edu/radinf/food.htm
- www.ift.org/publications/sss/irradiation.pdf

Procedure: Students will be asked to research the following topic: Food Irradiation.

What is it? How does it happen? What happens to food when it is irradiated? What foods are irradiated? Can irradiated food harm us? The students will be instructed to look up information using the internet, library and the websites listed above. They are to make note cards with all their data listed, then create an outline for an essay that will be used in conjunction with their science and health teachers.