

Description of the Project WISE unit developed by 2000 CD Fellows, Nancy Kellogg and Cathy Box

Project Library - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com Messenger

Address <http://wise.berkeley.edu/teacher/projects/projectInfo.php?id=4996> Go Links

WISE
PET

Projects Communities Management Support

See the Project

The Organic Foods Controversy

Lesson Plan

Learning Goals & Standards

Customize this Project

Classroom Run

Contact: cathy.box@ttu.edu, or nkellogg@satcom.net
Grade Level: 7-12
Subjects: Biology
Botany
Personal Health
Public Health
Duration: 5-6 day(s) (45 min. per day)
Prerequisites: None

"The Organic Food Controversy" is an inquiry based, hands-on lesson designed to help students objectively evaluate two sides of an ongoing scientific controversy. They will learn to look critically at information found on the web as well as design and conduct their own experiments to answer questions regarding food safety.

Description

In this Project WISE activity, students will address the following question: Is there a difference in the amount of E.coli in organically grown produce compared to conventionally grown produce? In order to answer this question, students will analyze their current beliefs regarding food safety, electronically research the perceived risks involved with consuming organically and conventionally grown produce, then consult a scientist with questions that arise due to their research. They will design and conduct an experiment to test for the presence of E. coli in both kinds of produce and share their results with others.

Credits

This project was co-authored by Cathy Box, Texas Tech University and Howard Hughes Medical Institute, Lubbock, Texas and Nancy Kellogg, Brawley High School, Brawley, California.

Project History

The authoring of this project was funded and directed by the American Physiological Society.

Log out

Navigation

- [WISE Home Page](#)
- [WISE Teacher's PET: Main Menu](#)
- [Projects Menu](#)
- [Project Library](#)
- The Organic Foods Controversy**