

Human Impact on Food Webs

Summary

Students will create a short video news cast describing how a human activity is affecting a local food web and then they will offer a solution. (Alternative -- If cameras and editing software are not available, have students present their broadcast live, in front of the class, using posters for their title and credits.)

Time Frame

2 class periods of 60 minutes each

Group Size

Small Groups

Materials

- [Food Web handout \(attached to rubric\)](#)
digital video camera
movie editing software (iMovie, Windows Movie Maker, etc...)
- [student page](#)

Instructional Procedures

Hook activity -- Follow this link [Mouse Plague Video](#) and show video, then ask the students how humans may have played a part in creating this problem. Stress that it is possible that it is a natural phenomenon.

Divide students into groups of three.

Give students a copy of the food web, the student sheet, and a copy of the [rubric](#) (attached).

Have students create their own hypothetical problem caused by humans.

Tell the students that they will have to create a news broadcast describing the problem and the impact on the food web. In the broadcast they will also have to suggest a realistic solution to the problem.

Have the students write their script (optional -- students have the teacher approve the script).

On a subsequent day, have the students take turns recording their broadcasts.

Where possible, have the students edit their video by adding a title, and ending credits.

Play videos for the class.

Assessment Plan

Use [rubric attached](#).

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)