

Grades 9-12

Attracted to Recycling – 45 Minutes

Students will review about the 3 R's and natural resources coming from the recycled items (paper from trees, glass from sand, etc.) After our discussion each student will assist in using recycled paper to make molds of different animals. The end result will be a refrigerator magnet made from the recycled paper.

Edible Landfills – 45 Minutes

Students will learn how trash is managed with an emphasis on sanitary landfills. The construction process and technology behind landfills is shown as the participants build their own landfill model out of food items. This landfill can then be eaten at the end of the presentation! Working in groups of 2-3, students will begin an experiment building a small "landfill"; this experiment can be continued for several days.

Trash Makes History – 45 Minutes

Students will make inferences about "secrets" revealed by items from a family's trash and complete a chart to analyze that trash. Students describe the trash problems and solutions of four American cultures: Native Americans, pioneers, early industrial, and modern. Students construct a simple 'trash' timeline. An optional activity is a play about the four cultures and their trash. This program can be adapted for low reading low level classes.

A Garbage Bill – 45 Minutes

Students will learn about the legislative process using a solid waste management bill as an example. They will write in a journal and role-play the process as a bill becomes a law. As a group they will make decisions about which provisions should be included in the bill.

Recycling – 45 Minutes

Students will classify materials that can and cannot be recycled. Students will learn about why they need to recycle, how recycling helps the environment and prevents pollution and why it helps people. National resource use and conservation information will help the students determine how human activities impact the environment.