

Activity 4 - Create Your Own Waste Reduction and Recycling Activity

Overview

This activity is intended for Green Team members to use their creativity and apply their leadership skills to design and lead a waste reduction and recycling project of their choosing.

Guidelines

- The Green Team designs an activity that will enhance their understanding of waste reduction and recycling or the relationship between energy and waste.

- Make sure the activity:
 - 1) identifies a problem area,
 - 2) helps solve a problem, and
 - 3) leads to waste reduction and recycling
- Remember there are points to be earned so make sure the information is resourceful, creative and has an effective message.
- Get 1 bonus point for creating your own activity!

Activity 5 - WE-LAB - Wasting Away

Activity Description/Overview

By now, students should be familiar with what can be recycled, reused, repurposed, or thrown away. But what about electronics and chemicals? Electronic waste, or e-waste, is a term for electronic products that have become unwanted, non-working or obsolete, and have essentially reached the end of their useful life. Chemical waste is waste generated from harmful chemicals. Many people don't know how to properly dispose of electronic and chemical waste which can lead to negative impacts on the environment. In this activity, students will create an awareness campaign for E- and chemical waste.

Research

Students should begin by researching what is considered chemical and electronic waste. What makes these things harmful to the environment? Think about how it can impact the water supply and energy consumption. Globally, what is happening to electronic and chemical waste? How can the 7 R's of recycling be applied to electronic and chemical waste? What should be done with this waste both globally and in your community? Some resources:

- <http://www.miamidade.gov/solidwaste/electronics-recycling.asp>
- [http://greenermiami.com/2011/01/free-](http://greenermiami.com/2011/01/free-electronics-recycling-in-miami/)

- <http://ecomb.org/programs/recycling-program/e-waste-recycling/>
- <http://www.miamidade.gov/solidwaste/home-chemical-disposal.asp>
- <http://www.miamidade.gov/solidwaste/chemical-collection-centers.asp>

Take Action

- After researching electronic and chemical waste, students will put together an awareness campaign highlighting the environmental impacts and the proper disposal methods.
- The campaign can be posters, flyers, a video, school announcement, or a skit.
- Be sure to answer these questions:
 - ◇ What is it?
 - ◇ What are the associated problems? How does waste impact the water supply and energy consumption?
 - ◇ What can and should you do with it?
- Bonus: Set up a drive for students/parents/teachers to bring in their E-waste and/or chemical waste and dispose of it properly.

Results

Submit the monthly challenge submission form describing your activities along with pictures or video of the students making the campaign to the program coordinator.