



## Westmoreland Cleanways and Recycling Presentations/Programs

FREE classroom & youth group presentations offered and taught by Westmoreland Cleanways and Recycling staff. Presentations focus on recycling, reducing waste, and conservation. Programs meet PA state education standards and are taught by PA educated teacher.

**To schedule a presentation contact: Natalie Reese, Program Director, 724-879-4020**

[nreese@westmorelandcleanways.org](mailto:nreese@westmorelandcleanways.org)

### **Adventures of a Plastic Bottle**

Focusing on energy and natural resource conservation; students will play a W. Cleanways created board game that follows the stages of a plastic bottle's life cycle, starting as oil and ending as a recycled product (hopefully).

### **Backyard Composting, an Introduction**

Learn the basics of composting and discover the connection between kitchen scraps/yard waste and developing healthier soil for plants.

### **Garbage Pizza**

Working in groups, students will construct a three-dimensional pie chart representing the Municipal Solid Waste discarded in the United States per year (garbage pizza). Using the pizza as a visual, students will analyze the chart to brainstorm waste reduction solutions.

### **IQ Boards**

Interactive displays developed by Keep Pennsylvania Beautiful.

- **Litter Board:** Helps create litter awareness by matching a common litter item with its correct decomposition time.
- **Recycle Board:** Helps create recycling awareness by matching a common recyclable item with the new product it can be recycled into.

### **I Want to Be Recycled**

Learn what materials can be recycled curbside and the new materials that can be created by recycling. Based on the age and the available space the presentation will conclude with either a Recycling Relay Race or Recycling Hot Potato. (Will only present in communities with recycling programs)

### **Landfill Anatomy**

What happens to your garbage after it is picked up by the garbage truck? What are the environmental impacts of landfills, and what structures are in place to limit that impact? Students will build miniature landfills of their own design and test their soundness.

### **Made to Order**

Develop a presentation around a specific topic (e.g., helping a Girl Scout or Boy Scout troop earn a specific badge).

### **Open Your Eyes to Litter**

Introduces students to the negative environmental impacts of litter as well as simple techniques students can take to prevent litter.

### **Paper Recycling**

Examine the importance of paper recycling and the steps involved in the process. The presentation will conclude with each student making a piece of recycled paper. (access to running water is necessary)

### **REDUCE, REUSE**

Review the importance of reducing and reusing, brainstorm different ways to reduce the amount of trash a person produces, and creative ways to reuse. Conclude the program by making a "reuse" craft from items normally thrown away. (The actual craft depends on the age group and the time of year.)

### **The Science of Plastic**

Biodegradable, compostable, recyclable, PET, HDPE, polystyrene, 1-7, plant-based; plastic terminology can be confusing. We will take a closer look at the science behind some of these terms and discuss how this relates to the recycling industry.

### **Vermicomposting**

Learn about the benefits of composting and the practice of composting kitchen scraps using redworms. Students will observe a functioning worm bin and have a chance to meet the worms living in it. Interested groups or classrooms can also "worm sit" the bin for up to a month.

### **The What and Why of Recycling**

Students become contestants on the pyramid game show (Taboo for younger generations). Players attempt to guess a series of recycle themed words based on clues provided by their teammates. The game focuses on different recyclable material with discussions about recycling between each round.