

Shrinking Bigfoot Assembly

- **Grades 3-5**
- **45 minutes**
- **Minimum 50 students**

This FREE theatrical assembly takes students on an interactive adventure to learn where their electricity comes from, the difference between fossil fuels and renewable energy sources such as wind and solar, and how this affects climate change. Students leave the assembly understanding the choices they can make each day to conserve energy.

Key assembly messages

- What is an energy system
- The difference between renewable and nonrenewable energy sources
- Simple steps to conserve energy

Includes a discussion and activity guide for each teacher.



Amazing delivery of complex ideas! The kids were 100% engaged for the entire assembly.

- Fifth grade teacher

Electrical Safety Storytelling

- **Grades 1-2**
- **35 minutes**

Using an interactive format, Detective SafetySmarts leads each class through a fun and engaging story to learn about being safe with electricity! Students learn the basics of electricity travel and simple indoor and outdoor safety rules using role play. Each student receives a coloring sheet and crayons that reinforce the concepts taught.



Key lesson messages

- How we use electricity
- What conducts electricity and what doesn't
- Basic electrical safety steps for indoors and outdoors

The kids learned a lot of safety lessons. It was geared towards their age group. They loved it.

- First grade teacher

Renewables Workshop

- **Grade 3**
- **60 minutes**

Through hands-on activities, students explore how fossil fuels are formed and about different types of renewable energy including hydropower, solar, and wind. Students learn why energy conservation is important and actions they can take at home and at school to shrink their energy footprint.



Climate Change Workshop

- **Grades 4-5**
- **60 minutes**

In this interactive workshop, students learn the science behind climate change, sources of carbon dioxide, and the importance of conservation. After learning the connection between their individual actions and global climate change, students are challenged to identify actions they will take to reduce their carbon footprint.

The information on systems and input and output went really well with our science unit. It was perfect for the new science Common Core material.

- Fifth grade teacher

All workshops are free to schools in the Seattle City Light service area on a first-come, first-served basis. The assembly and classroom workshops support the Next Generation Science Standards, Common Core, and Integrated Environmental and Sustainability Standards.

Email scl@triangleassociates.com or call 206-583-0655 for more information.

Climate Change: Science and Solutions

- Grades 6-8
- 50 minutes

By examining Earth's geologic history and studying basic climate science, students learn how their habits affect the planet and how to reduce their impact. Through hands on activities, students consider political, economic, and scientific solutions to climate change.



Key lesson messages

- The relationship between fossil fuels and atmospheric carbon levels
- Local impacts of climate change
- How actions impact the environment
- Potential solutions to climate change

“Provided students with connections to their lives, as well as potential strategies for change. It was engaging, with info presented in a way that students can understand and APPLY” - Eighth grade teacher

Register Today!

To sign up for **any** of these free programs, contact Triangle Associates.

Email scl@triangleassociates.com
or call Amanda McConkey at 206.583.0655.

Climate Change: Teacher Training

- Grades 3-5
- 3 hours

This Teacher Training provides 3rd to 5th grade teachers with:

- Background knowledge on climate change
- Lesson extension ideas and materials
- Follow-up resources that demonstrate how to incorporate this topic into the curriculum
- Opportunity to receive clock hours and a \$50 stipend.



The training provided great new ways to teach science concepts! - Third grade teacher

Teaching Toolkits

- Grades 3-5

The Teaching Toolkit is available on loan and provides everything needed for the following activities:

- Fossil Fuels vs. Renewable Resources
- Carbon Cycle
- Earth's Atmosphere & Greenhouse Effect
- Global Warming and Climate Change
- Carbon Footprint

Shrinking Bigfoot Educational Programs



Free Programs for Grades 1-8

Energy Conservation
Climate Change
Electrical Safety

2015