

## **Education for Sustainability- Grade 5 Science Lesson**

### **Title: Water Conservation- Public Service Announcements/Green Screen Video Project**

#### **Lesson Overview:**

The students will investigate and discuss methods to conserve water on our planet. In small groups, they will select one method of water conservation and create a skit. The completed skit will be filmed and edited using green screen technology. The final version will be used to teach other students how they can personally help conserve water. (5 forty minute class periods)

#### **Essential Question:**

What are some ways that you can conserve fresh water in your homes?

#### **Resources:**

Prentice Hall Science Explorer- “Earth’s Waters”

Pamphlet- “Ground Water- Protecting Our Supplies” 2012, Channing Bete Company

Brain Pop Video- ([www.Brainpop.com](http://www.Brainpop.com)) “Water Supply”

#### **Procedure:**

1. Introduce the topic with student-led discussion of water conservation ideas.
2. Teacher reads Chapter 2 Section 1 from “Earth’s Waters”, Pgs. 52-53 and discusses with class.
3. Small groups read and discuss “Ground Water” pamphlet.
4. Students watch “Water Supply” Brain Pop Video, and take the review quiz at the end.
5. Additional research will be done using the Ipads/computers in the classroom.
6. Small groups of 3-4 students will be formed.
7. Each small group selects a water conservation method and creates a skit.
8. The groups rehearse the skits and film them in the computer lab. (Green Screen Technology)
9. Final versions of some of the skits will be shown to the student body at the Green Fair on April 22<sup>nd</sup>.

#### **Assessment:**

Green Screen PSA Rubric (see attached)

## Sustainability Lesson

Water Conservation- Public Service Announcements/Green Screen Video Project- Grade 5 Science Lesson

Taught the week of March 7, 2016

### Description of Implementation

The lesson titled Water Conservation- Public Service Announcements/Green Screen Video Project was taught to fifth graders during the week of March 7, 2016. Students were shown a variety of media that described water conservation and what they could do to help save water. Then groups selected a method of water conservation that they wanted to promote. Each group created a skit that would become a public service announcement. These skits were recorded and edited during five computer lab sessions. The PSAs were shared with other fifth grade classes. Select PBAs will also be shared with the entire school population at our upcoming Green Fair on April 22, 2016. The students were very excited to be able to create something that could be used to promote sustainability.