

## LESSON: Investigation PowerPoint Presentation

**GRADE: 5**

### OBJECTIVES:

#### 21<sup>st</sup> Century Skills

##### **Civic Literacy-**

**SS.3-5.PSCI.1 Understand the rights and responsibilities of each citizen and demonstrate the value of lifelong civic action.**

- Understand why civic responsibility is important and know examples of civic responsibility.
- Understand opportunities for leadership and public service in the student's own classroom, school, community, state, and the nation.
- Understand the importance of voluntarism as a characteristic of American society.

#### Science:

##### **Earth and Human Activity**

- **5-ESS3-1** Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

### MATERIALS & RESOURCES:

- Computers or electronic tablets
- MS Office PowerPoint or Apple Keynote application
- Photo of young man with magnifying glass
- Scanner if possible
- Information gathered during prior activities on--
  - Energy
  - Rain, water and pollution
  - Soil, composting, trash, rocks and stones
  - Environmental issues in general
  - Plants, forests and photosynthesis
- Definition of investigation

**PRESENTATION:**

The best time to start this activity is at the beginning of a unit in which you are doing an assortment of Clean and Green activities on the environment. Tell the kids you are going to gather and investigate different aspects of the environment to prepare for doing a service-learning project. Lead a discussion about community. What are the different communities that they consider themselves a part of--family, church, school, neighborhood, and city? Continue the discussion to discuss the roles of a community's citizens.

- What do they do for their family?
- What does it take for the school to keep going?
- Do they ever do anything to make their neighborhood better?

The PowerPoint is going to help organize what we find out, and keep it all in one place.

**DIRECTIONS:**

1. As you go through the lessons, or as a reflection activity, ask the kids to find issues and create slides about them. For instance, in "How Long Does that Trash Last?" do they think that most people think about how long something is going to be in a landfill before they throw it away?
2. Each person creates a slide show, and adds information, ideas, pictures, charts, and graphs to it as you go through the unit.
3. As the class learns about environmental issues, have students look for and bring articles from the Internet that tell about local related issues. Show them how to link to them in their PowerPoint presentations.
4. As you finish the unit, students who have similar ideas should combine their slide shows, show them to the class, and explain what kind of service project they'd like to do.
5. Have the students use their assertiveness skills and their understanding that different people have different points of view, to decide on a service-learning project.

**TIME:** Two class periods, one at the beginning of the unit to begin the bulletin board, and one at the end to decide on their service-learning project.

