

Honoree: Senator Ralph Anderson

Grade Level: K-5

Subject: Science (Social Studies & Health)

Activity: Do You Have It?

Standard/Indicator:

SC Scientific Inquiry Standard for K-5: The student will demonstrate an understanding of scientific inquiry, including the processes, skills, and mathematical thinking necessary to conduct a simple scientific investigation.

Goal/Objectives:

- Carry out simple scientific investigations to answer questions about familiar objects and events.
- Represent and communicate simple data and explanations through drawings, tables, pictographs, bar graphs, and oral and written language.
- Infer explanations regarding scientific observations and experiences.
- Use appropriate safety procedures when conducting investigations.

Items/Materials Needed

- Bio. of Senator Ralph Anderson
- Vaseline
- Black Light

Steps/Strategies

1. Teacher will apply Vaseline (glows under black light) in various places in the classroom such: pencil sharpener
 - a. Send students to the various locations in classroom where the Vaseline was applied
 - b. Ask questions: "Did anyone get this stuff on their hands?"
 - c. Have students use their inquiry skills to describe the event (observation, inference)
 - d. Use the black light to show students where the stuff is all over their hands and the classroom
 - e. Ask the students do they know what the stuff is
 - f. Relate this experience to infectious disease and the Senator
2. The teacher will give background information on Senator Ralph Anderson and his importance in the legislation of reporting Hospital Infections. Refer to the AT & T SC African American Calendar 2013
3. Show united streaming video about germs (Link is below)
4. Complete Lab Activity on spreading germs/infectious diseases (Link is below)

Printable Worksheets Student Materials - Specific Answers (May Vary):

Word Scramble Game, Word List and Questions, Exchange Activity Notes, Exchange Activity Summary found here: http://apps.nlm.nih.gov/againsttheodds/pdfs/ss/lesson_plan_science_and_society.pdf

Teacher Materials/Resources:

Teacher's Word Scramble Game, Teacher's Word List and Questions, Teacher's Exchange Activity Notes, Teacher's Exchange Activity Summary found here:

http://apps.nlm.nih.gov/againsttheodds/pdfs/ss/lesson_plan_science_and_society.pdf

Useful Links: <http://www.nlm.nih.gov/againsttheodds/>

<http://app.discoveryeducation.com/core:player/view/assetGuid/CA3638D9-295B-4003-A2EA-572E3C24576A>