

## Germ

### Objectives:

- \* Students will have a concrete example as to why they should wash their hands with soap and warm water.
- \* Students will understand that germs are smaller than the eye can see.

### PA Academic Standards:

- \* **Academic Standards for Reading, Writing, Speaking, and Listening**

#### **1.6.3. Speaking and Listening**

- A. Listen to others.
- D. Contribute to discussions.
- E. Participate in small and large group discussions and presentations.

- \* **Academic Standards for Health, Safety & Physical Education**

#### **10.1.3. Concepts of Health**

- E. Identify types and causes of common health problems of children.

#### **10.2.3. Healthful Living**

- A. Identify personal hygiene practices and community helpers that promote health and prevent the spread of disease.

### Cross-curricular Integration:

- \* Social Studies, Health

### Materials:

- \* *Weekly Reader* for each student
- \* glitter
- \* paper towels
- \* hand lotion
- \* bucket (to catch glitter)
- \* anti bacterial soap

### New Vocabulary:

- \* Germs – tiny, living things that can cause colds.

### Instructional Procedure:

#### ***Anticipatory Set:***

- \* Ask students if they have ever been sick or had a cold.
- \* Tell them they more than likely got the cold from germs in the air and on the things they interact with everyday.
- \* Begin reading the *Weekly Reader* with students.

- \* After reading, tell students one of the best ways they can prevent colds and other illnesses is to wash their hands regularly to prevent the spread of germs.
- \* Explain the procedures of properly washing hands:
  - o Wet your hands with warm running water.
  - o Add soap and rub your hands together to make a soapy lather. Wash well for 15-20 seconds. Wash fronts and backs of hands and wrists; also wash between the fingers and under fingernails.
  - o Rinse your hands well with warm water, and then dry them with a clean towel.
  - o Use a paper towel, not your bare, clean hands, when you turn off the water.

***Developmental Activities:***

- \* Tell students that they will be demonstrating how germs are difficult to see and why it is important to use soap and warm water to wash their hands.
- \* Put a small amount of hand lotion on each student's hands. Have them rub both of their hands together to spread the lotion on their hands.
- \* Sprinkle, over a bucket, a small amount of glitter into each student's hands. Have them rub their hands together to spread the glitter evenly.
- \* Next, have a few students try to get the glitter off with a dry paper towel.
- \* Then, have a few kids try to get the glitter off with plain, cold water. After that, have a few kids use warm water, with soap, to get the glitter germs off.
- \* Let everyone wash his or her hands with warm, soapy water.
- \* Bring everyone back to the circle and ask, **"What does the glitter represent?"** (*Germs*) **"What happened when you tried to get the glitter off with just a paper towel?"** **"Cold water?"** **"Warm, soapy water?"** **"Why is it important to properly wash your hands?"**

***Closure:***

- \* Tell students that for the rest of the week they are going to work on having germ-free hands.
- \* Explain that next to the tissues all week will be a bottle of anti bacterial soap. Their job will be to use the anti bacterial soap each time they take and throw away a tissue.

***Assessment:***

- \* Students will be assessed on their ability to properly wash their hands with warm, soapy water.
- \* Each student will be informally assessed on their understanding that germs can be spread by not properly washing their hands.

*Weekly Reader*

**"Wash Your Hands!"**

- \* Students will be assessed on their ability to cooperatively work within a small and large group.
- \* Students will be assessed on their ability to listen attentively to the teacher during lecture and while giving directions.

**Special Needs Adaptations:**

- \* None within the class