






Hand Hygiene

Student Data Collection Sheet

Think About It! Write your answers below:

<p>Understanding Hand Hygiene</p> 	<p>1. When do you generally wash your hands?</p> <p>2. What barriers might people have that prevent them from washing their hands?</p> <p>3. How has COVID-19 changed your hand hygiene behaviors?</p>
<p>Hand Hygiene and CDC</p> 	<p>1. What effects can proper hand hygiene have on the health of a community?</p> <p>2. Why do you think handwashing is so important during food preparation?</p> <p>3. How can education play a role in improving rates of childhood illness?</p>
<p>Citizen Science</p> 	<p>1. CDC recommends you wash your hands for at least 20 seconds. How does this make a difference in its effectiveness?</p> <p>2. Why is art an important part of public health? Can you think of any examples of art pieces or graphics you have seen that have public health messages?</p> <p>3. How can antibiotic resistance that develops in one person ultimately end up affecting an entire community?</p>



Reflections

Now that you have completed this investigation, think about what you learned from your research and experiments. Answer the questions below.

1. Why is handwashing a necessary behavior to improve **public health**?

2. How does access to safe and clean water affect the rate of handwashing? Why?

3. How has the introduction of alcohol-based hand sanitizers improved **hand hygiene** amongst healthcare professionals and the general public? What are their advantages?

4. Cruise ships have hand sanitizer stations in all dining areas that passengers are required to use before eating to prevent norovirus outbreaks. Why do you think this is an essential **public health** practice to implement? Why do diseases spread so quickly on ships?

5. If you worked for a school district that was trying to reduce absences during cold and flu season, what specific things would you suggest that your school system do? Why?

6. Health equity is achieved when every person has the opportunity to attain his or her full health potential and no one is disadvantaged from achieving this potential because of social position or other socially determined circumstances. What are the equity issues surrounding good **hand hygiene**?
