



# Go Away Covid

## FILM

-  **House of Little Scientists: How Germs Spread**
-  **Xenius: Epidemics and Society - How They Influence Our Coexistence**

## KEY OBJECTIVES

- 1) **To understand how virus spreads**
- 2) **To know why it is so important to wash your hands**

## INTRODUCTION

The Covid-19 is caused by a virus called severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which spreads between people in several different ways. A virus is one of the four major types of germs. The other three are bacteria, fungi, and protozoa. Germs can be found everywhere. They can invade plants, animals, and people, and sometimes they can make us sick. Keeping our hands clean is one of the most important ways to prevent getting sick and spreading germs to others especially in this pandemic situation.

## GUIDING QUESTIONS

- How do you think germs spread?
- What can you do to prevent germs from spreading?

## MATERIALS/PREPARATION

- A pack of glitter or pepper powder
- Water
- A plate
- Lotion or cooking oil (1/2 tablespoon)
- Hand sanitizer or dish soap

### TOPICS

Hygiene germs  
surface tension of water

### KEYWORDS

Germs virus handwashing  
covid-19 hygiene

### LEVEL

All ages

### RESOURCE TYPE

Experiment

### INTENDED AUDIENCE SIZE

10-100 students in one session

### MODE OF DELIVERY

Live online

### TIME FOR ACTIVITY

5-10 min.



# Go Away Covid



Knowledge  
Through  
Entertainment

## TASKS/PROCEDURE

- 1 Apply lotion or oil to one hand (as fat layer that typically envelopes virus)
- 2 Sprinkle glitter or pepper powder to the same hand (this acts as the virus)
- 3 Go on about your typical daily activities – holding a glass, writing with a pen, sweeping the house, etc.
- 4 Observe whether the objects you touch now have glitter or pepper powder on them. If the answer is yes, what can you do to prevent the “virus” from spreading?
- 5 Try to wash your hand with just water. Are you able to wash the glitter or pepper clean?
- 6 Now try to put water on the plate. Mix water with oil and glitter or pepper
- 7 Apply liquid soap or hand sanitizer liquid to your finger and then dip your finger into the mix. What happens?
- 8 Now, wash your hands with running water and soap to eliminate all traces of the virus on your hands. Don't forget to scrub them, rinse them, and dry them well with a clean towel.
- 9 Now, your hands are clean which means you are keeping your family and your own self healthy.

## FOSTERING DISCUSSIONS

- 1 After touching things with your hand that has glitter or pepper powder on them, what happened to those objects? So, what conclusion can you draw from this experiment?
- 2 What happened after you dipped your finger in the water? Why did it happen?

- 3 When are the best times to wash your hands?
- 4 How to wash your hands the right way?

## SAFETY INSTRUCTIONS

**Keep the glitter and pepper powder a good distance away from eyes to be safe. If contact occurs, rinse eyes immediately with clear water.**

**Students should wash their hands after the experiment before continuing their activities.**

**All spills should be clean up immediately**

## AUTHORS AND SOURCES

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