



Project Exploration creates transformative learning opportunities for youth underrepresented in the sciences –particularly students of color and girls – by equipping them with the skills, practices, and mindset needed for a lifelong pursuit of learning. STEM@Home makes activities around science, technology, engineering, and math accessible and fun to do at home. This STEMbook activity, resources, and more are available at www.projectexploration.org/stemathome.

In this activity, you will:

learn about the importance of hand-washing and how important it is to always use soap and water. Germs be gone!



Supplies Required:

- Bowl
- Black Pepper
- Dish Soap
- Towel or Paper Towel

Video

Check out the activity here: <https://tinyurl.com/wqpbvgh>

Overview

Wash those yucky germs away! You will learn about how germs respond to soap and water by performing this experiment. This is extremely important at this time because it connects to what is happening around us.



Instructions

1. Fill bowl with water.
2. Sprinkle a thin layer of black pepper into the bowl of water.
3. Put your pointer finger into the water.
4. Observe what happens.
5. Open the top of the dish soap and pour a little soap onto your finger, and dip your finger back into the water.

Additional Resources

Think About It!

What happened to the pepper? If the pepper represents germs, why is it important to wash your hands correctly?

1. Learn more about how germs spread by watching this video: <https://tinyurl.com/hcldh6l>
2. Listen to the book "Sick Simon" being read aloud: <https://tinyurl.com/rgc8b7d>
3. Watch Daniel Tiger learn about germs and handwashing: <https://tinyurl.com/svud68a>

Share It Out

Share on social media: Why is it important to wash your hands correctly?

Show off what you have learned with the hashtags:

#GermChallenge
#StemAtHome
#ProjectExploration

Tag your favorite soap brands on social media and show them how you wash your hands properly!

Share via PE's website: Students who complete STEM@home activities and share what they learned with the PE team via our website will earn points which can be traded in for cash prizes at the Explore Store. Your project number is 205. Learn more at www.projectexploration.org/explore-store

Join PE's character contest!

Design a STEM character who will lead kids through activities and be featured on our website and in our STEMbooks. Cash prizes will be awarded to the top 3 finalists.

Learn more at www.projectexploration.org/character-contest.



Call or text us for help: 312-772-6634



www.projectexploration.org