

# JUNIOR DOCS

## Exploration Lab: Grabby Germs Lab Leader Guide

**LEARNING OBJECTIVE:** Students will understand what germs are and how they spread. Using the ACE-C Method. **Ask** a question (and encourage their answers) **Correct** any Misconceptions, **Engage** (complete Lab) **Connect** (to career or text or life)

### AGENDA

**Ask students:** Do you guys know what germs are?

Oath \*Have Kids play pass the germs. Give each student a small  
ACE-C piece of different color playdough. Start with a small piece  
Lab and show them how small it is and how it is only one  
Exit Ticket color. Each student will add a little piece of playdough to  
the starting ball and pass it as the music plays. When the  
music stops get the person who has it to make an  
observation.

ACE-E

**Ask. Correct. Engage. Connect.**

**Germs:** Germs are microscopic (tiny) little animals that can sometimes make us sick. We can stop germs by washing our hands, and covering our mouths when we sneeze.

**Career Connection:** When you go to your doctor do you know what they are called? Your doctor is called a Pediatrician. Pediatricians are doctors that work with kids and know about all the little germs in that might try to grab you.

**Exploration Lab: (This lab is very similar to the Let it Faux Snow Lab. All about letting them explore and make observations, connections, ask questions. No take home product)**

1. Students will put on gloves and rub petroleum jelly on top of the gloves
2. Lab leader will pour Mrs. Dash onto their gloves (heavily, but so it sticks)
3. Explain to students that the seasoning on their gloves are germs and they are going to see how germs spread.
4. Students will begin to pick up items in front of them and place them on one of their plates.
5. Encourage them to "Notice" what is happening (They should see the "germs" transferring to the objects they pick up. (The germs are grabby. They want to go everywhere and get on everything, and they are sneaky and quiet.
6. Then ask students to pass their items to a neighbor. (Let them pass things freely and encourage them to share.
7. Remind them when we touch things we leave germs behind
8. Let students use magnifying glasses to explore and see how many germs they can find.
9. Next place all the germly items on one plate in the center of the table
10. Have the students clean up and wash their hands and do the same thing with clean hands and using tweezers.

***(If at any point germ spreading looks low, add more petroleum jelly and Mrs. The goal is for them to really see how germs are passed so the more the merrier)***

**Supplies Needed:** Mrs. Dash, tweezers, Gloves, Vaseline, tweezers, goggles, plates Cotton Balls, Slices of White bread (Break into pieces), paper towel, tissue, , plastic spoons, Choose a few small items for them to pick up (Coins, pencils, straw, etc...)



**Did you know? There are 4 different types of germs. One kind is called Bacteria. (Clap, sing, Whisper Shout out the word)**

