

Be a Health Scientist!

LAB NOTEBOOK

Use this notebook to take notes, record your discoveries, and try new experiments at home.

NAME

Find out more!

**Be a health
scientist at home!**
Try the activity on
page 24!

WEBSITES

Be a Health Scientist! – scienceinthesummer.fi.edu/be-a-health-scientist

Official website for 2024 GSK Science in the Summer™

The Franklin Institute – fi.edu/en/science-and-education/franklin-at-home
STEM activities and videos

Nova Online

https://www.pbs.org/wgbh/nova/education/resources/subj_05_03.html

Health Powered Kids

<https://healthpoweredkids.org/lessons/>

CDC Science Ambassador Program

<https://www.cdc.gov/science-ambassador/stem-lesson-plans/index-activities.html>

BOOKS

The Fantastic Body: What Makes You Tick & How You Get Sick by Dr. Howard Bennett

Happy and Healthy Human Body by Claudia Martin

Andrew Learns about Scientists by Tiffany Obeng

PHOTOGRAPHY CREDITS

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What is Health Science?

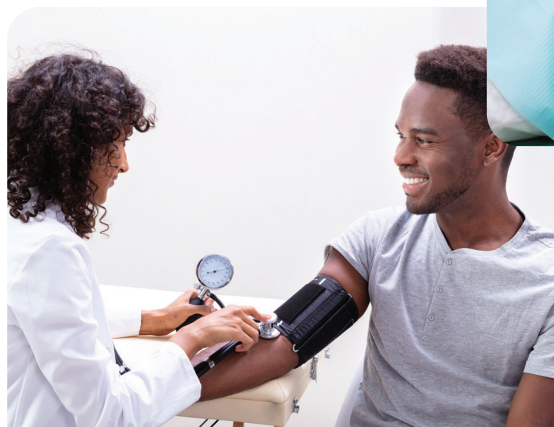
The goal of health science is to look after the overall health and well-being of ALL humans. Health scientists study ways to keep people healthy or treat them when they are sick. They ask questions like:

- How can people improve their health?
- How can we keep people from getting sick?
- How can we help sick people get well?
- What parts of people's lives and environments affect their health?

*Health Science is a big field with **MANY** different careers.*

Health scientists might:

- Treat sick people in hospitals and medical offices
- Research new medicines or treatments in a lab
- Teach people about their bodies and health in a classroom or community center
- Work in the government to make laws that affect people's health



Be an Epidemiologist

Epidemiologists study how sicknesses spread and ways to control or stop them.

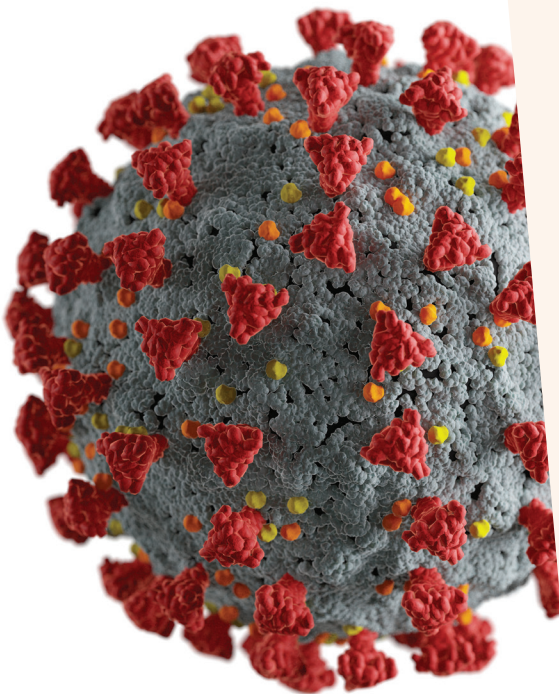


Big Question:

How do epidemiologists learn how sicknesses spread between people?

Your Project

Use a model to study how a virus is spreading between students in a school.



Round 1

My cup letter:

Cup I mixed with:

Round 2

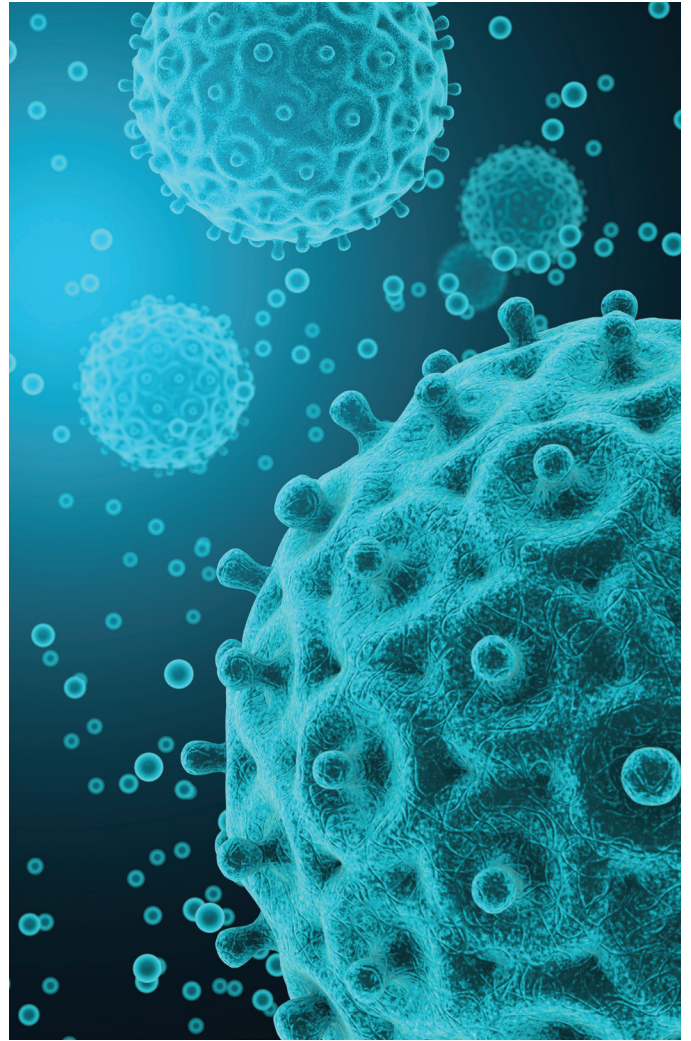
My cup letter:

1	Cup I mixed with:
2	Cup I mixed with:

Notes

Which samples do you think had the virus at the beginning of the activity? Why?





Reflect

How were you like an epidemiologist? What skills did you practice?



PLACE
STICKER
HERE