

# MICRO-INTERNSHIP

## Analyzing Bacteria in Household Bathrooms

Mentor: Victoria Hutchins



HARTNELL COLLEGE

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This Micro Internship allowed for students to bring the science to them and create their own experiment at home. They learned about bacterial growth and basic microbiology, researched properties of different disinfectants to explore how they work. Using environmental sampling techniques, they grew bacteria from their bathrooms onto agar plates and tested

different disinfectants by setting up plates to measure zones of inhibition. They analyzed which disinfectants were the most effective against bacteria by measuring these inhibition zones. Inhibition zones were measured to determine success showing that 10% Bleach and Lysol All Purpose Cleaner to be the most widely effective.

