

Brady Miller
Should You Share That Water?

The purpose of this investigation is to determine which team drinking method effects bacteria growth most significantly. I hypothesized that if athletic teams share water bottles, then the amount of bacteria will increase. I collected nine used different types of bottles. I then swabbed them and grew bacteria in a petri dish. The data collected did not support my original hypothesis. Based on the data collected, my revised hypothesis is, if athletic teams not only share bottles but actually put their mouths directly on the bottle, then the bacteria growth will be highest on the bottles that are shared; based on the data collected, my revised hypothesis is, if athletic teams not only share bottles but actually put their mouths directly on the bottle, then the bacteria growth will be highest on the bottles that are shared.