

If you're happy to you know it... wash your hands
Q. Does better hygiene make you happier?

Science Fair?

Experimental Procedures

Objective: Outline your experiment by accurately demonstrating how you will test, measure/collect data and graph your results. If you find you cannot think of a way to do these fundamental steps in experimentation, you may find you do not have an appropriate experimental question.

What will you measure as part of your experimentation? As you collect data you must have numerical evidence.

EXAMPLES: Time, Distance, Accuracy, Population Ratios, etc.

A student population of 20. 10 boys & 10 girls ranging from age 11-12. Each will participate in scheduled hand washing between 3-6 times a day, using a behavior rating scale.

How will you use this data to answer your topic/question?

I am looking to see significant increase in positive behavior in groups who have an increased hygiene routine.

What variables are conditions of your experiment?

Independent

- Student population
- hygiene routines
- Data collection methods
- hygiene methods

Dependent

- level of behavior study
- consistency hygiene methods
- ranges in behavior due to outside triggers

Control Group

5 individuals will be chosen to take the behavior rating scale w/out new hygiene routine.

What results will qualify your hypothesis as successful/unsuccessful?

Successful

Students will demonstrate a measurable improvement when hygiene is increased.

Unsuccessful

There will be no measurable change between test groups and control group.