

What are you going to research?

Does me being in my room change the humidity of the room?

What is your hypothesis?

Me being in my room does change the humidity of the room, because humans lose moisture through breathing and perspiration.

How are you going to test this?

I will measure the humidity of two days, one when I'm mostly in my room and one when I'm gone all day. Then I will compare the data, expecting the former to be higher.

What is your experiment?

I will use a Raspberry Pi and a Si7021 temperature and humidity sensor. I will take a measurement every minute for 18 hours a day, for two days, one when I'm mostly in my room and one when I'm gone all day. Then I will compare the data, expecting the former to be higher.

What is your data?

It will be two sets of humidity over time per minute.

How are you going to obtain the data?

I will use a Raspberry Pi and a Si7021 temperature and humidity sensor. I will take a measurement every minute for 18 hours a day, for two days.