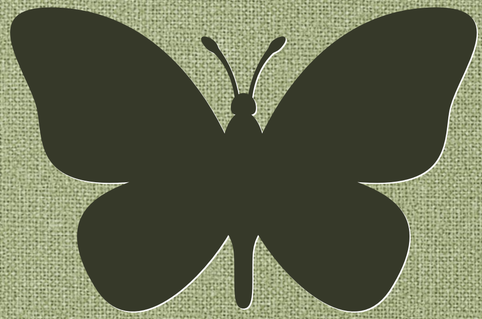
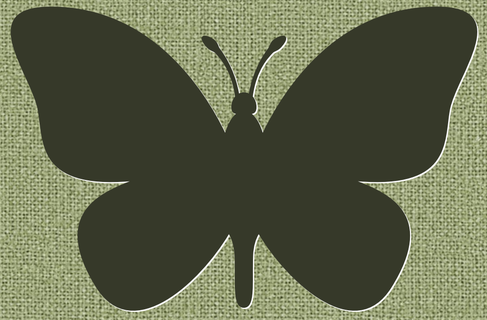


FIELD JOURNAL

by Kaia



ASKING A QUESTION

How do we interact with microorganisms at school?

MAKING A HYPOTHESIS/PREDICTION

Hypothesis: I think that frequently contacted surfaces will have bacteria on them.

Prediction: I think that especially over time, the Petri dishes will cultivate more bacteria (from frequently contacted surfaces).

TESTING/CHECKING

PROCEDURE

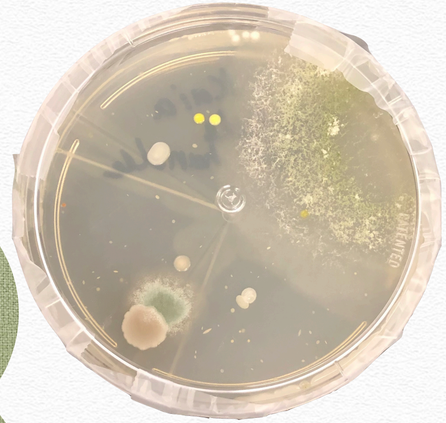
- decide what to swab
- create hypothesis/prediction
- gather materials
- swab chosen areas
- rub swab on agar
- close and tape shut
- make observations

MATERIALS

- petri dish with agar
- cotton swab
- gloves
- goggles
- tape

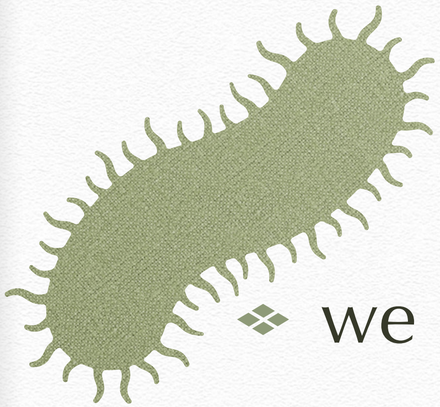
OBSERVATIONS

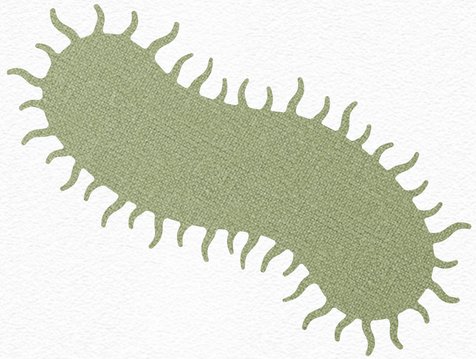
- Not much bacteria yet
- 1 small white dot and several specks



- Much more bacteria
- Green patch, 2 yellow dots, an orange/brown with a green splotch and a few white dots

SUMMARY





- we interact with microorganisms at school in many ways
- one way is through bacteria which is on surfaces around the school, (especially) on frequently contacted surfaces
- my hypothesis and prediction were right, because the door handle (which is a commonly touched place) had/ has bacteria on it and as shown in the previous slide, the amount of bacteria increased a lot over 4 days.

the end :)