Keenan’s Log Book

October 22, 2019 - Ben's House

List of supplies

* Trifold
* Science fair kit
* Petre dishes

November 14, 2019 - At school science fair meeting

reviewed the tally sheet, conducted research, and discussed questions for the project.

1. How does bacteria grow
2. Where does it live
3. Are bacteria and germs the same thing
4. Where are the most germs in a school
5. Follow up on trifold
6. When can we take samples

November 25, 2019 - Keenan’s house

We are going to research bacteria growing kit

Decided on the locations to swab

1. Doorknob - EDC classroom
2. Water fountain
3. Piano
4. Dust in classroom
5. Toilet seat
6. Hockey stick
7. Doorbell

Predictions-

I predict that the most bacteria will grow on the piano.

Bacteria growing days Dec 6 to Dec 16

December 3, 2019 Keenan’s house

Plan for swabbing

1. Door buzzer
2. Toilet seat
3. Water fountain button
4. Piano
5. Edc door knob
6. Hockey stick

Steps for testing

1. Put on rubber gloves
2. Test using cotton swabs
3. Rub swabs on agar in petri dishes
4. Close lids and label
5. Takes 6 days to grow
6. Need to keep dishes 20-37 degrees celsius

December 6, 2019 - Woodbine Elementary School

Conducted swabs at the school

December 9, 2019 - Ben's house

Day 3 of bacteria growth

Observations

* Bacteria is growing very fast and looks very gross
* There is a large amount of bacteria on each one
* The one with the most bacteria so far is the toilet seat

In order from most to least bacteria

1. Door bell
2. Toilet seat
3. EDC door handle
4. Piano key
5. Hockey stick
6. Water fountain

December 13, 2019 - Ben's house

Day 7 of bacteria growth

Observations

In order of most to least bacteria

1. Piano key
2. EDC door handle
3. Water fountain
4. Hockey stick
5. Toilet seat
6. Door bell

Dec 17, 2019 Ben's house

Final observations of bacteria growth - top 3 for growth

1. Water fountain
2. Piano key
3. Hockey stick

January 16, 2020, Ben’s house

Planning for set up on material on the trifold and typed up reports and made table for research

January 28, 2020 - Ben's house

Online research and we worked on our conclusion ask to print at school in colour

February 10, 2020 - Ben’s house

Soring out our trifold, cut out all of the titles, reports and pictures. Taped them to the trifold.

February 17, 2020 -

Practiced presenting our project

February 19, 2020 - day of the science fair