

Wash Your Hands!

Logbook



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Kindergarten
Macarthur Homeschool

20/7/15

I made agar with Mummy. We followed the instruction and made a growing plate for bacteria in the petri dishes. Mummy measured out the quantity of agar and bouillon. I got to mix the mixture and stirred it while it was boiling on the stove. We waited for it to cool then poured it into the 2 petri dishes.

21/7/15

The petri dishes had cool down and I first smeared my fingers onto the petri dishes on side A. I then washed my hands with antibacterial soap and dried them. I was very careful not to touch anything before smearing my fingers on side B of the 2 dishes. Mummy then helped me closed the lids so that it doesn't get other bacteria on them.

22/7/15

Checked my petri dishes but nothing was on there.

23/7/15

Checked my petri dishes and discovered that bacteria had started growing. I did find a funny looking smear on Petri dish 2 on side B. I think that it was the chicken bullion rather than bacteria.

24/7/15

I checked my petri dishes with Daddy. I counted them with daddy and recorded the spots down. I found that the side where my hand was not washed was growing more bacteria. Mummy also took photos of the 2 petri dishes.

25/7/15

I counted the bacteria in my petri dishes. They were around the same number but some had grown bigger.

26/7/15

Mummy and I counted together the number of blobs on the petri dishes.

27/7/15

Daddy and I counted together the number of bacteria spots on the petri dishes.

28/7/15

I forgot to count them today, but thankfully Mummy counted it for me.

29/7/15

Mummy and I counted today

30/7/15

Daddy and I counted the petri dishes today and recorded them.

31/7/15

Mummy and I took photos of my 2 petri dishes. We also put them under and microscope and looked at the different colonies of bacteria close up. It was really

big and we could see the different blobs really clearly. They were really disgusting.

1/8/15

Daddy and I counted the bacteria colonies on the 2 dishes. They are both growing.

2/8/15

Mummy and I counted the dishes again. We found that it was getting harder to count as the bacteria blobs are combining together to form bigger colonies.

3/8/15

Daddy and I counted the petri dishes. It was hard to count today as there was a little condensation on the top of the petri dishes on the lid. We had to put it over a heater for the condensation to disappear.

4/8/15

Today is the last day of counting the petri dishes. Mummy helped me count the dishes together. We also took photos of them. We also put them under the microscope to look at it. We compared it to the pictures from before. They have grown lots.

6/8/15

We put all the photos we took into a document. Mummy then helped me look through them and put comments with them. We also put the results into excel and made a table. We looked at which one grew more each day.

8/8/15

Using the table we made different graphs- a line chart to see how they group and bar graphs to show the difference between Side A and Side B. We did some comparisons and looked at how to understand the data.

9/8/15

Mummy and I researched why washing our hands with soap does help. We found out that washing our hands with soap does not kill the bacteria, but instead it rubs them off and the soap helps form like an oil on our skin so that the bacteria can not stick onto it.

10/8/15

Mummy and I put together the project and did our conclusion. We also put in my thank you and where I found my information. I enjoyed reading and watching The Magic School bus to learn about germs.