

Physical Science Laboratory and Canvas survey

1. Laboratory one: Density of soap
2. Laboratory two: Velocity of a RipStik
3. Laboratory three: Acceleration of gravity by dropping a ball
4. Laboratory four: Investigation of height versus velocity for a marble on a banana leaf ramp
5. Laboratory five: Force of friction
6. Laboratory six: Cooling curves for water in cups
7. Laboratory seven: Using a GPS to determine meters per minute of latitude or longitude
8. Laboratory eight: Cloud drawings
9. Laboratory nine: RipStik wave distance versus displacement and sine wave function
10. Laboratory ten: RGB and HSL colors on computer monitors
11. Laboratory eleven: Reflection in a mirror, refractive index for water
12. Laboratory twelve: Ohm's law
13. Laboratory thirteen: Chemistry, acid and base detection using flowers
14. Laboratory fourteen: Mathematical model for hula hoops
15. Laboratory fifteen: Site swap notation and juggling

What was your favorite laboratory?

Why?

What was your most disliked (least favorite) laboratory?

Why?

What did you like about Canvas?

What did you not like about Canvas?

1. Before I took this class my attitude towards science was:

- ☐ Positive: I liked science
- ☐ Neutral
- ☐ Negative: I did not like science

2. During the semester:

- ☐ I enjoyed physical science class
- ☐ Neutral
- ☐ I did not enjoy physical science class

3. After taking this class my attitude towards science is:

- ☐ Positive: I like science
- ☐ Neutral
- ☐ Negative: I do not like science

Your insights into your learning in this course can help me see our course from your point of view. Pick **ONE** and only **ONE** of the statements below and respond to that statement. Do not put your name on this sheet.

1. My learning of the content was most helped when... because...
2. The activity that contributed the most to my learning was... because...
3. The biggest obstacle for me in learning the material was... because...
4. I was most willing to take risks with learning new material when... because...
5. During the first day, I remember thinking... because...
6. What I think I will remember five years from now is... because...
7. What is something you learned to do in this course that you could not do before?... because...

My learning of content was most helped when I did the labs because I've never done labs before, it's a new process to me.

The activity that contributed the most to my learning was that I really loved kinesthetic activities that is why I loved science with lab, to get to do something on my own/with others, share ideas, work with hands on.

During the first day, I remember thinking because I am a returning student since spring 2013 and I don't really know if I can still remember how to speak English.

During the first day, I remember thinking that I wouldn't need this course in my major. Now I am so glad I took it because I not only learned a lot but I really enjoyed what I learned.

During the first day I remember thinking about dropping this course or withdrawing from this course because I wasn't feeling good about joining this course. But for now, it was great taking this course with my classmates.

What I think I will remember five years from now is the different types of clouds. Because at first I thought that all clouds are the same. Now I know that there are many different types of clouds and all of them have different names and different meanings.

What I think I will remember five years from now is the laboratory in chemistry, acid and base, because it was fun to learn. It is a new and exciting topic for me to tackle.

Everything that I learned from this course was not something I have done before. Since day one I have learned much thanks to Professor Dana Lee Ling. I think I can do reports.

Density of soap was my favorite laboratory.

I have a lot of lab favorites, but the most is lab one. Lab one is when we discover the density of soap, debating if the soap was going to float or not, we thought it was going to sink, but it didn't and that is when I realize that the mathematical equations are telling us what the object will do. Density of soap because that was my first lab experience. All I know is that soap floats, but after doing the lab I realized that there are some that float and some cannot.

Laboratory 10. I really enjoyed it because it doesn't have to do with many stuffs and I think it was the easiest among the laboratory reports.

Laboratory 13 chemistry, acid and base detection using flowers. I was perplexed at first but after tackling the laboratory in class, it was fun to learn. The idea of using flowers and household appliances is amazing!

Laboratory 13 detection using flowers. Because it was my first time knowing that I can detect everything in my house by just boiling the flower and doing the procedure.

Lab 13 because I like how they change color when we put those lime or baking soda in it.

My favorite laboratory was siteswap notation and juggling because it reminds me when I was in Elementary

Lab 7 because I am not good at using GPS.

Laboratory eight cloud drawing. I really do not know how to draw very nice and clear. I hate drawing.

Laboratory nine. I do not understand much of wave distances and some wave function. Even in high school I had a hard time understanding when it comes to waves.

RipStik wave distance. I was having a hard time figuring out how to solve the wave fractions. I guess I didn't pay much attention to the lectures.

My most disliked laboratory was the Ohm's law because I don't know about electronic stuff.

Ohm's law was my most disliked laboratory.

Laboratory 14. The laboratory was good but I don't really understand much about it. But it's good enough.

The last one, lab 15. Simply because I don't exactly know why we are learning it.