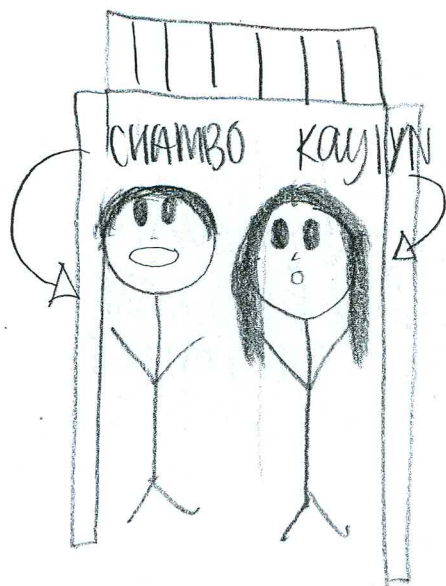
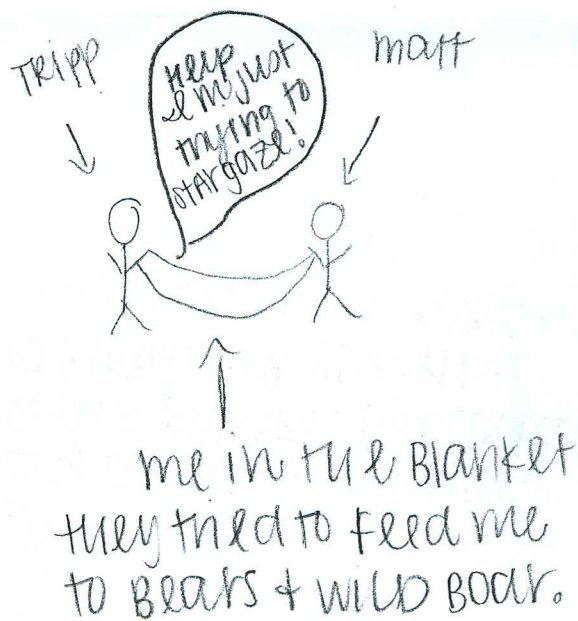


I learned a lot at CHARXIE EXHIBIT: I learned that
 TRIPP BROOKS, LEN, and I almost got lost, BUT WE CALLED
THE MATT STEELE and he helped us find our way.
 We had accidentally turned on some weird road called
 MURDER CREEK LAKE RD (It looked like we were fixing to
 take part in a scary movie. Then we finally arrived. yay!
 We saw the sun just before it was done setting and I
 also got to see VENUS. Then later as it got darker and my
 eyes had adjusted I saw a ton of stars and felt like I
 was in a planetarium. I also had the opportunity to
 learn about BLACK HOLES from the TATOO GUY. I learned
 about the galaxy ANDROMEDA and how it was there
 thousands of years ago. I also had the opportunity
 to ABLE TO VIEW JUPITER and all of the GALILEAN MOONS.
 I was able to see the REDISH-ORANGE coloring and even
 dark and light lines going around the planet. THE COOLEST
 thing I saw was the NEBULA that had the BLUEISH-
 yellow crazy coloration. I also enjoyed KANSOMS HEAD-
 lights coming on and me rushing over to help
 cover them up, before we almost got kicked out. HANA!

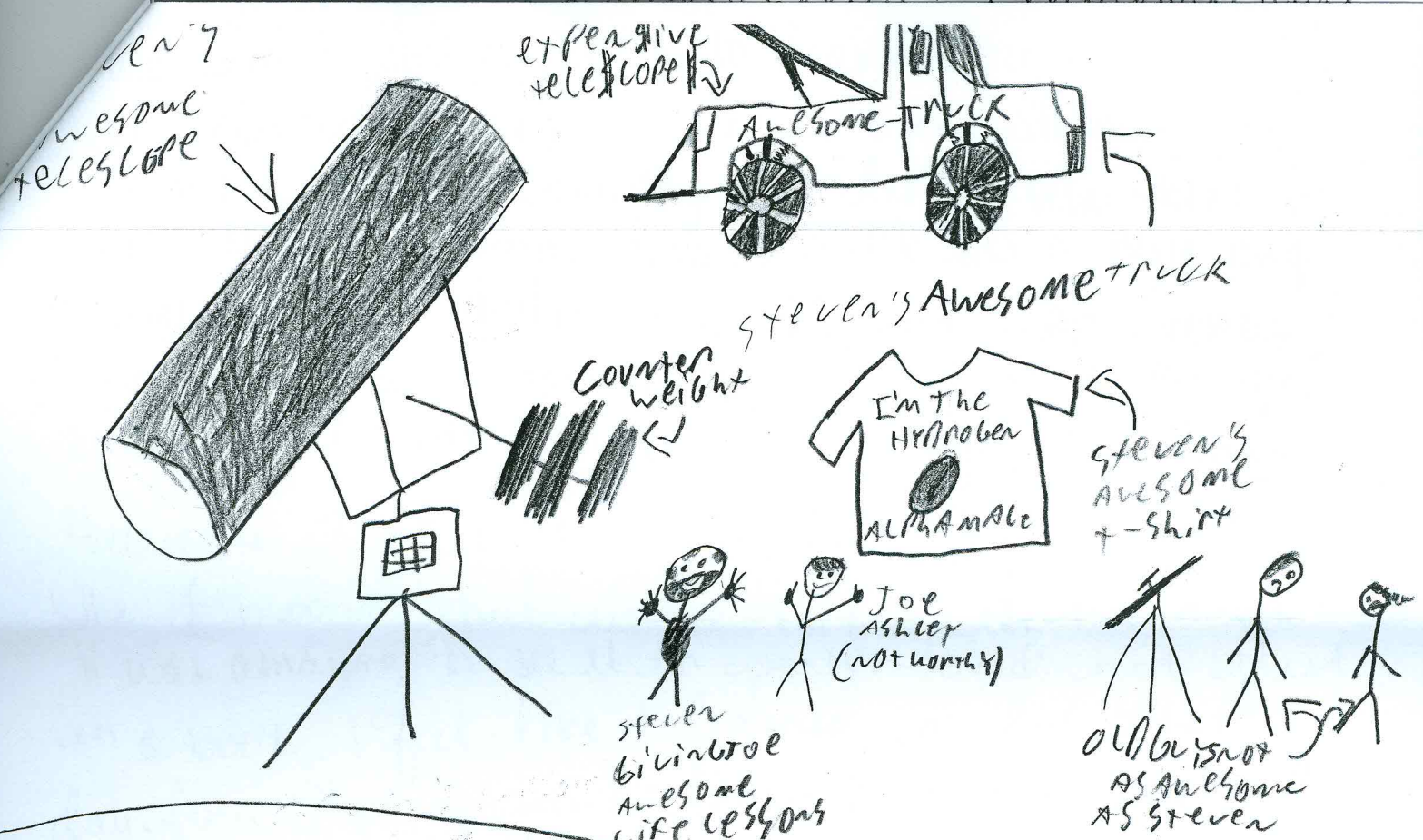


"stargazing"
 HANA



When I went to Charlie Ellipt, I learned a lot about space. Through Steven's "cannon" of a telescope we saw Jupiter and four of its moons, Venus, M-14 which is a globular cluster of stars, the Sun, the Andromeda galaxy, and an old supernova forming a white dwarf.

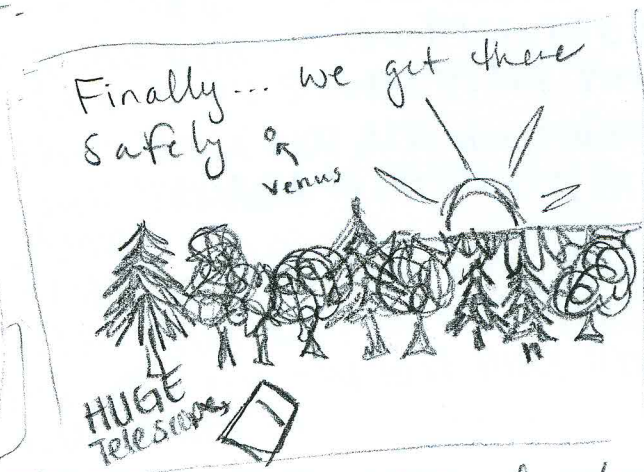
Even with our naked eyes I saw two satellites and the band of the Milky Way. Steven taught us how a telescope works, how a solar telescope blocks out almost all energy waves, and how a telescope tracks an object in the sky. I also want one of those laser pointers that they had. I am afraid that I got in one of those pictures that were set out.



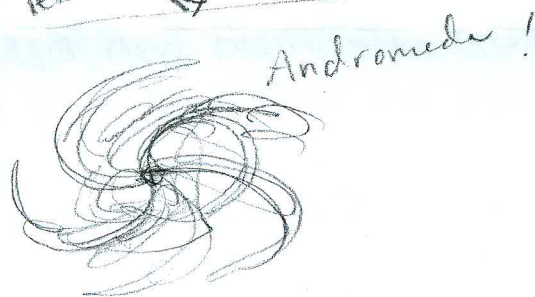
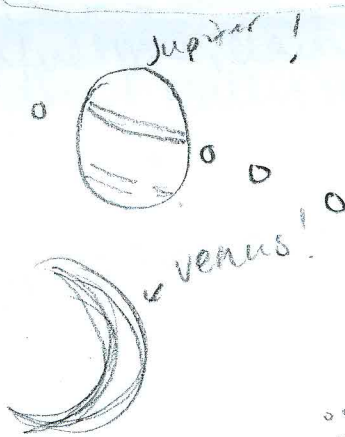
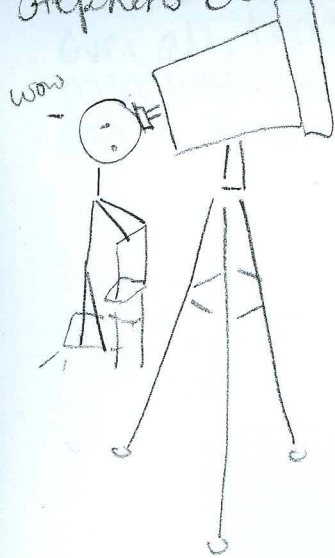
AT CHARLIE ELLIOTT, WITH AN AWESOME! I DROVE MY TRUCK ALL THE WAY TO THE MIDDLE OF NOWHERE. (MY CAR WOULD NOT HAVE MADE IT) AND PARKED IT ON A HILL WITH A GREAT VIEW. SINCE THERE WERE NO LIGHTS ANYWHERE AROUND, THE SKY WAS CRISTAL CLEAR. THE FIRST THING WE SAW IN THE SKY WAS VENUS. WE ONLY HAD AN HOUR OR TWO TO SEE IT, BECAUSE IT SET PRETTY FAST. THEN JUPITER APPEARED THAT WAS VISIBLE THROUGHOUT MOST OF THE NIGHT. STEVEN SET UP 2 TELESCOPES, ONE WAS FOR JUPITER. THE BIG 4 MOONS OF JUPITER WERE VISIBLE THROUGH THE TELESCOPE, ONCE THE NIGHT DASHED ON A LITTLE FARTHER, THE NIGHT GOT COMPLETELY BLACK, AND AT THIS POINT, ONLY RED LIGHTS WERE ALLOWED, BECAUSE RED LIGHTS DO NOT FORCE YOUR EYES TO ADJUST.

I GOT THERE KIND OF LATE, SO IT WAS AFTER THE PRESENTATION. DISPIETE THIS SETBACK I WAS GREETED WITH A BATCH OF MARVELOUS BROWNIES. I ATE MY DIVINE (PBJ'S) THEN BEGAN WALKING AROUND THE TELESCOPES. MRS. HARRISON'S FRIEND, STEVEN, TOLD ME HOW IT WORKED, THEN GAVE ALL OF US SOME AWESOME LIFE LESSONS. AMONG THESE LESSONS WERE "YOU NEED HOBBIES", "DON'T GET MARRIED", AND "LIFE IS FULL OF SETBACKS, JUST GO WITH IT". WHO KNEW THE YEAR OLD AIR TRAFFIC CONTROLLER WOULD BE SO AWESOME ANYWAY, WHEN LOOKING THROUGH THE TELESCOPE, HE SAW OBJECTS SUCH AS THE ANDROMEDA GALAXY, A BLUE PLANETARY NEBULA, MARS, VENUS, JUPITER, THE SUN, AND A COOL GALAXY THAT LOOKED LIKE A PILE OF COTTON. A BUNCH OF MY FRIENDS WERE THERE, AND I HAD AN AWESOME WHILE I LEARNED I AM GLAD I went.

We went to Charlie Elliot to learn more about the cosmos & actually view them. Stephen taught us more things on Saturday and let us view them in his telescope. He was amazing. We saw a Blue Ringed Nebula, Jupiter and its 4 moons, Andromeda, Venus, Mars, and a cluster of stars that were lightyears away. My favorite thing I saw through the many telescopes that were there, was Jupiter and the 4 moons that were orbiting it. I thought it was amazing to see it in person and not just in a book. I feel like I learned a lot that day from Stephen and through viewing stars and planets through telescopes.



looking through Stephens Telescopes..



the trip to charlie chat! Not only did I learn alot, but I realized I really

have an interest in astronomy, and that it isn't just another science, it IS an art. I saw part of the milky way, which we are in, although it wasn't bright. It was beautiful. I also saw the ring nebula, wild duck galaxy, and the M4 galaxy, among others. I saw both jupiter and venus, and let me tell you, Jupiters moons were by far the most beautiful and unreal thing I have ever

seen. and its colors, they were so bright -> even though they were simply brown hues. But, by far my favorite of all the things I saw in the sky was the M4 galaxy. It was so bright and beautiful, and its shape was really pretty. I honestly can't believe that there are/were so many stars in the sky, and I was even more surprised that once I looked into the telescope I could see stars I had never seen before in my life. It really blows my mind to think that so many more stars exist in the universe, and that I can't see many of them in my life time.



The telescopes I saw and looked through were so diverse, and they all showed me something different, that in itself is amazing. There were two telescopes that really impressed me though, with their size, and their ability to magnify the sky. One was about the size of a cannon, and would weigh 500 pounds! I hung around these two telescopes the most. -> The man who owned them

THIS ON CARDIAC MOUNT
FOCUS SO FAR IT COULD SHOW
MARS!

was very informative and nice - he showed us the ring nebula and jupiter. The man from Europe was also very informative. I was surprised to find out that he was introduced to astronomy as a child, and got into it later in his adulthood. The lecture was also interesting - I still have the star map they gave us and plan to view a few of the occurrences they mentioned could happen to be seen with the naked eye. The food they served at the lecture was also good but that's trivial information :)

Over all, I had a wonderful time, learned alot, and definitely became more interested in astronomy. I really hope that as a class we can go again this year.



← ring nebula: its star blew up and caused its shape

I drive to pick up Michelle and Victoria, then we head to Charile Elliott. There are about 500 people so the lecture has started and we are lost trying to find the lecture spot. These two guys with guns tried to use the bathroom and failed. I feared for my life, Michelle found the lecture room and for about 45 minutes I proceeded to listen to a large tattooed man (who I fear) talk about Jupiter and the evil conspiracy theories of NASA. After that we drove to the observation field, stupid kids tearing up the roads in their big trucks. It never ceases to amaze me how stupid some kids can be. One kid (who I shall not name) was dipping the entire time. Anyway it was fun playing nintendo and eating Miss Harrison's awesome brownies while waiting for it to get dark. Stephen (the large tattooed man) started setting up what I thought to be large cannons! No worries though, they were just huge telescopes, about 10,000 dollars a piece. Oh and Stephen asked me to help him set up, yea that was nerve racking, but everything turned out ok and I didn't break it. We waited around until it got dark and I saw the coolest stuff. I saw Venus, Jupiter, the Andromeda galaxy, a ringed nebula, star clusters. It was some amazing stuff, oh the Milky Way was also really easy to see that night. It was cool being in a place with not a lot of light to ruin the stars. I saw a bit of Mars before it set. I left about 10 and headed home, I realized then that I live about 20 minutes from Charile Elliott and would love to go back and observe again.