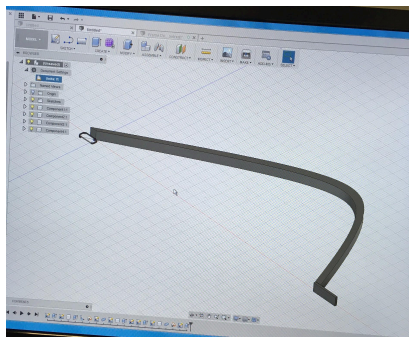
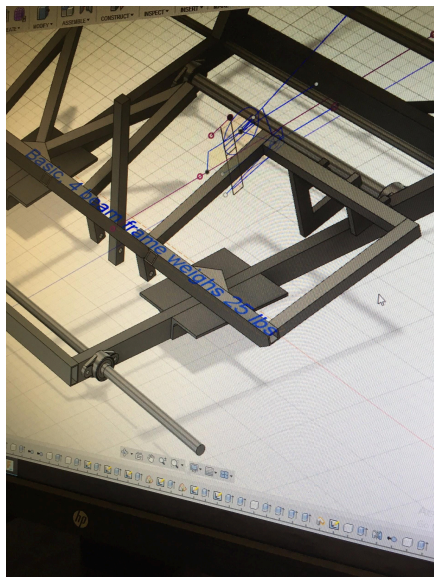


Journal 2

12/4: Today we got in our subgroups to work on the rovers. I went with Grace and Grant to work on the rebuilding of 17. We targeted the wheels, seat belts, and the hinge. I worked on the design for a rigid seat belt. This would give us the 10% change and a quicker latch in. this contraption would need a carabiner and a spring loaded hinge.



12/6: Today I worked on the seat mounting for the new rover. Right now it is just being held up by 2 pieces of C channel. This would be very heavy and most likely not hold. I researched the way racing seats mounted in. If I do it the same way it will be lighter and adjustable. We would have to use the CNC router to cut out the mounting brackets, and then weld the flat peices to the subframe that would be attached to the rover frame.



12/8: Today we worked on Tool quizzes. Specifically we worked on the metal shop demo. We demoed the Plasma cutter, angle grinder, and welder. This took most of the class so we couldn't do any work on the rover. During the demo we learned how to change the blades on the angle grinder.

