

For the competition we had our first meeting in the beginning of September. We all started doing research into how our subgroups could improve upon and decide a new race strategy with the changed rules. During September and October, we focused on what we should do to succeed more with the new race rules than working divided in our sub-groups. STEM engagement started forming plans of what to do during this time though. It was good we decided to organize our time like this because we only saw the full team during lunch once a week to discuss, and people came to work when they could after school Monday and Thursday. When the trimester class started in November, we finalized what subgroup each member belonged to as the whole team now showed up consistently. Once January started, we began 6 hour long Saturday work times which enabled us to get many things done. Our goal was to have a rover that was capable of driving by March 1st. We were able to drive the rover around on February 22nd, a week before our goal. While we were missing some key subsystems, like brakes, we succeeded in our goal.