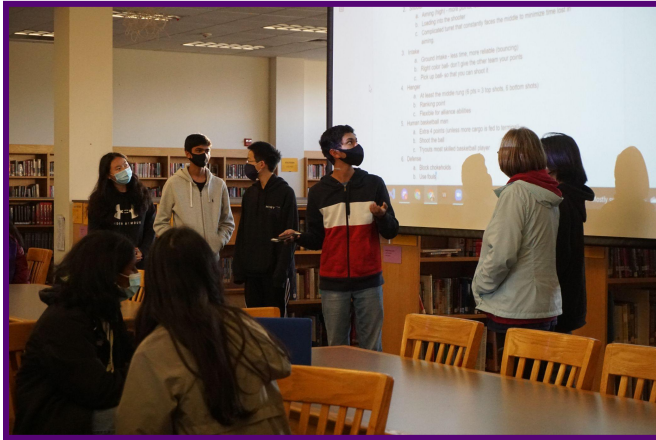


## Build - Week 1 Newsletter

After a restful winter break, we enter our build season, prepared to tackle the challenges of the 2022 FRC Rapid React game!

On Kickoff Day, January 8, 2022, leads gathered together in the morning to watch the release of the game and understand all the rules from the game manual.



In the afternoon, all members joined, both online and in-person, to discuss strategies for the game by splitting into groups. After discussions, rookies from both the in-person and online groups presented their strategy and priority lists. Many groups believed in prioritizing driving, shooting into the higher hub, and ground intaking.

On Sunday, January 9, the final priority list of strategies was reviewed at the beginning of the meeting. Then, everyone split into groups to discuss the priority lists for design prototypes of manipulators. Groups went on to create sketches of possible designs for each subsystem, and presented their general design ideas to everyone else.



During the week, members met from 6-9 PM on Monday, Wednesday, and Thursday. On Friday, members met from 3:30 - 6:30 PM. Meetings consisted of drawing specific layout sketches of each subsystem, CADing, and coding each subsystem as well. There were 5 groups in total for each system. 2 groups were dedicated towards the shooter, 1 group for the intake, and 2 groups for the climber. Members also worked on building the field elements of the game.

Members also started on working on the Chairman's Award Speech and scripting as well as recording for the Chairman's Award Video!



In Thursday's meeting, groups for each subsystem presented a design review to the mentors and alumni in order to get more feedback and help. Most groups have completed CADing and prototyping their manipulators, showing a successful week!

We would like to warmly thank all of the members, parents, mentors, and alumni who have worked tirelessly throughout this past week. During this 2022 build season, we are so grateful for all your help and excited to see what all of you will bring us!