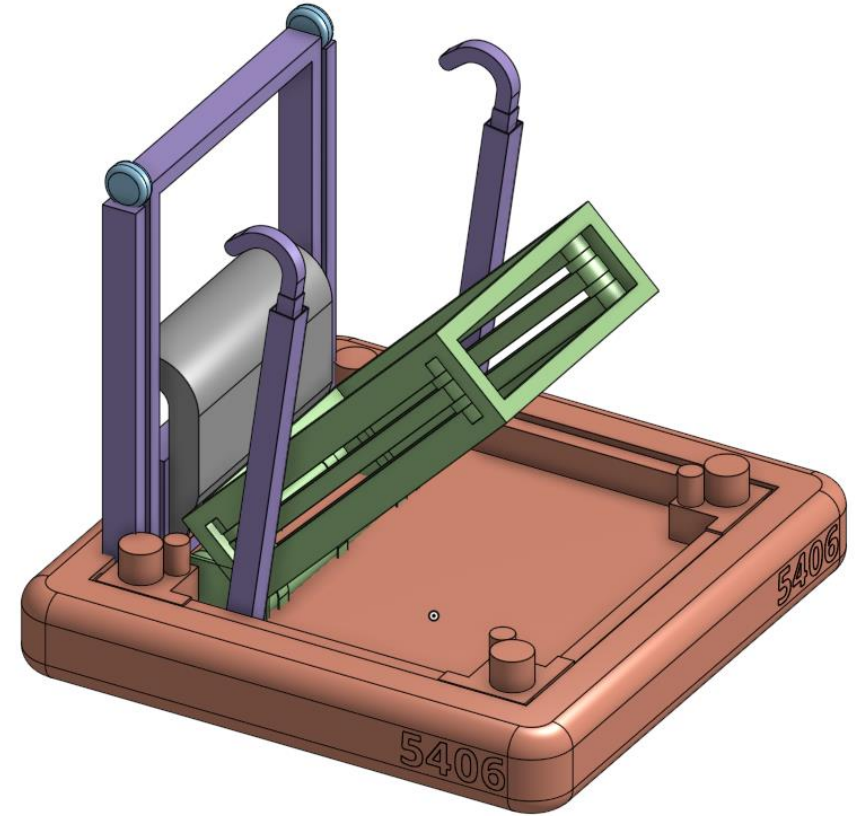


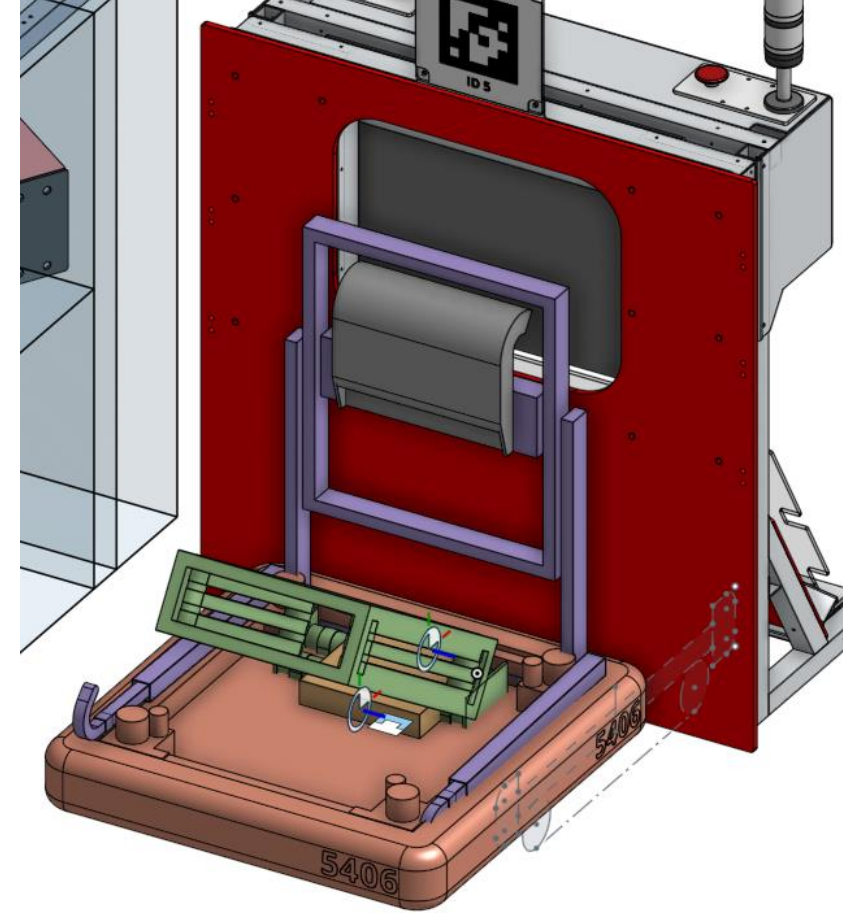
2024 Competitive Bot



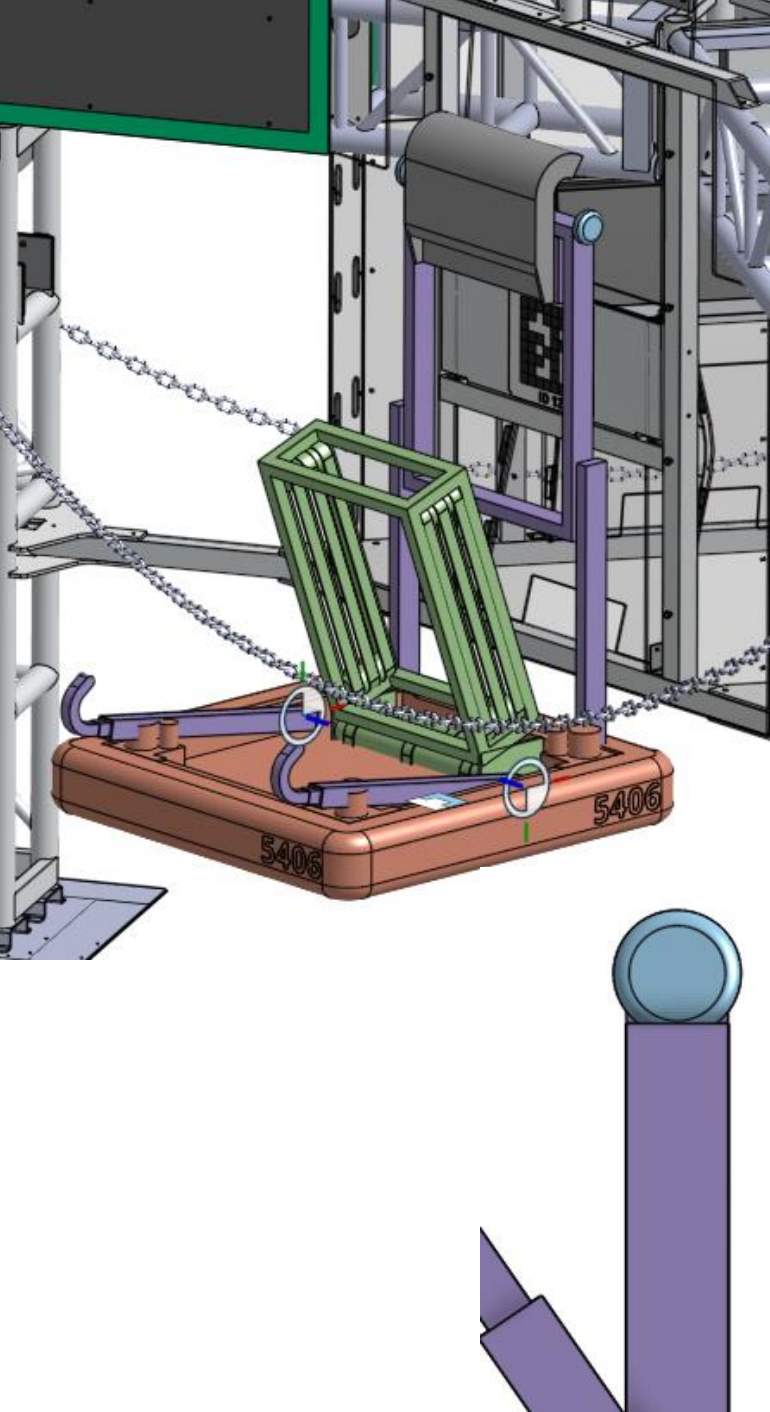
Functions (Elevator)

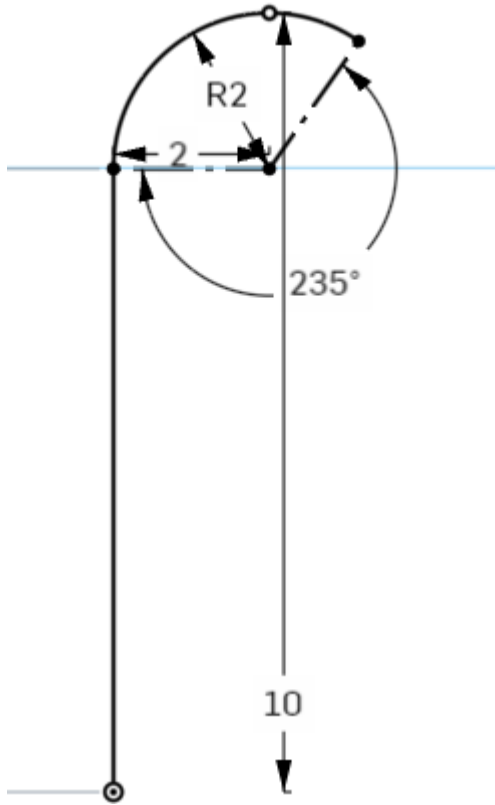
NOTEable features:

- Can move up and down 40 inches (without drainpipe)
- Can move up and down 47.5 inches (with drainpipe)
- Has wheels so it can climb the center stage



Could possibly pivot in future models

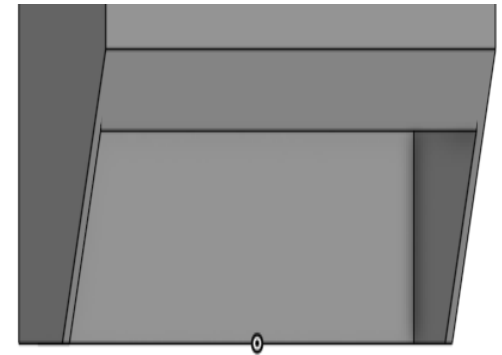
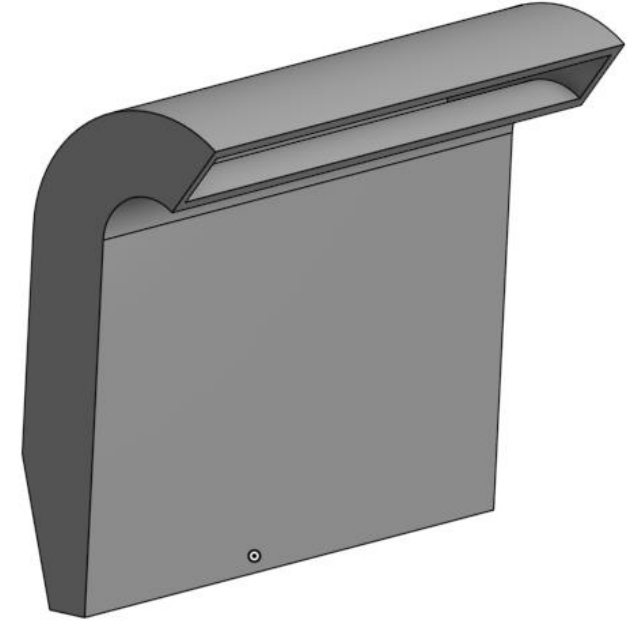




Functions (Drainpipe)

NOTEable features:

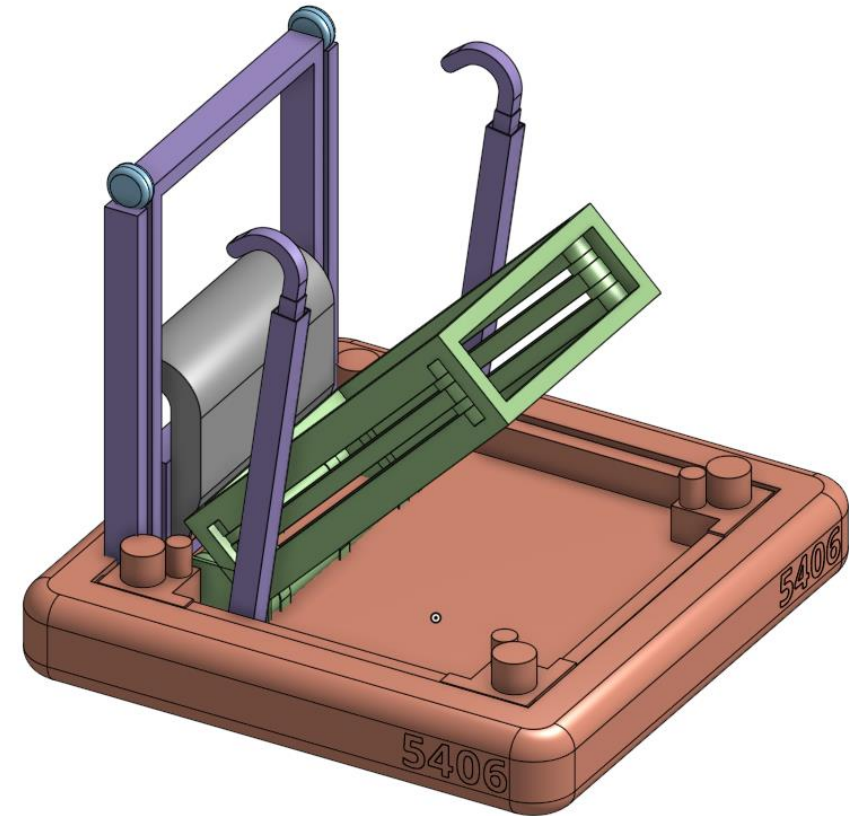
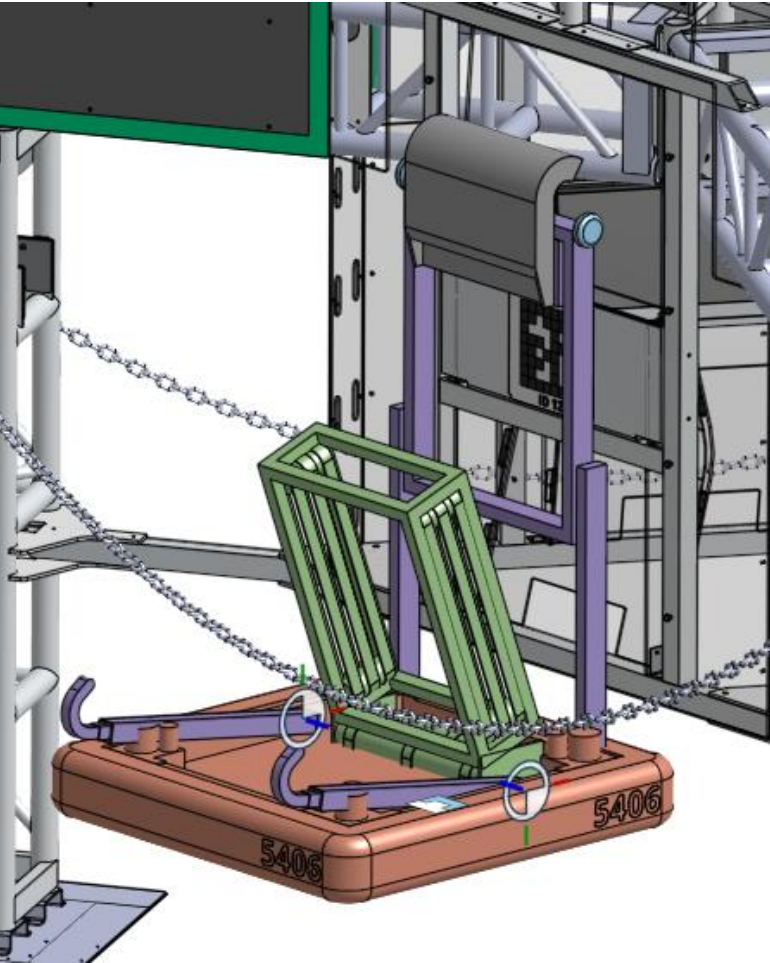
- Could possibly pivot in future models
- Faces down 45 degrees for easier scoring
- Intakes notes through 16 degree angled hole
- Drainpipe must be put down to intake notes (might change in future)
- Could possibly pivot in future models



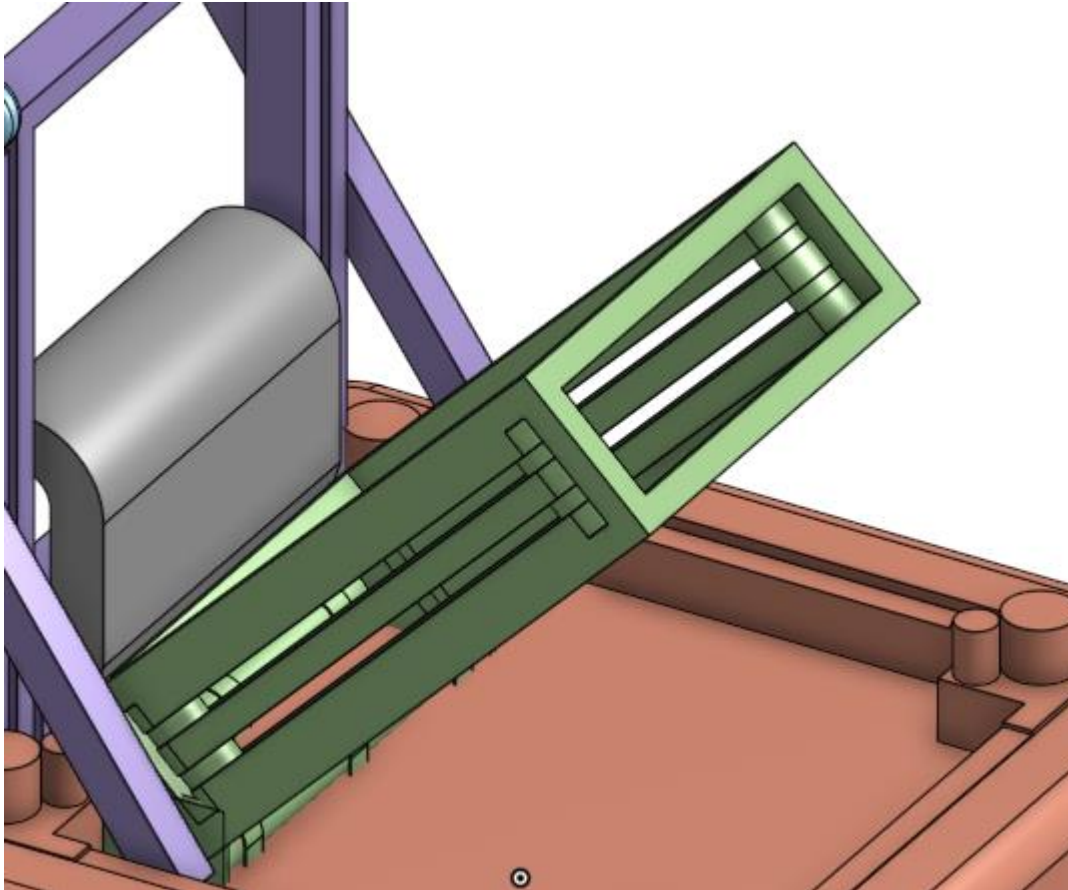
Functions (Arms)

NOTEable features:

- Are used only to climb chain
- Only meant for Amp and Trap shots
- Could change models in future
- Modular (as in it should be easy to replace when it fails)
- Two degrees of freedom



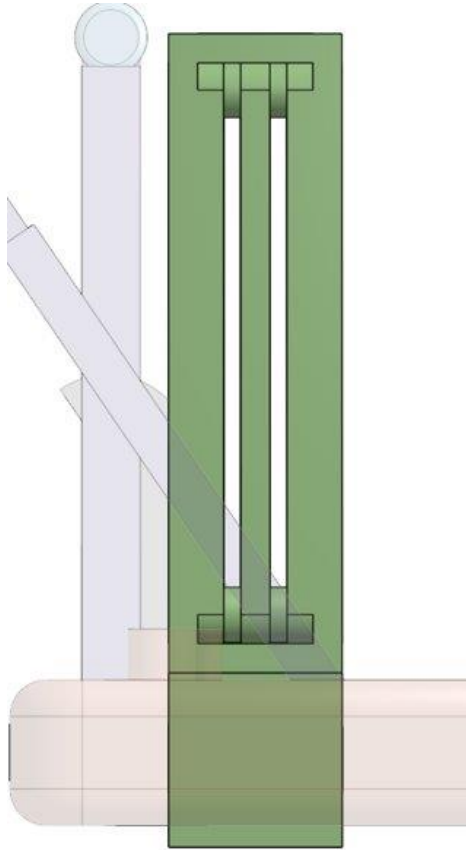
Functions (Speaker Shooter)



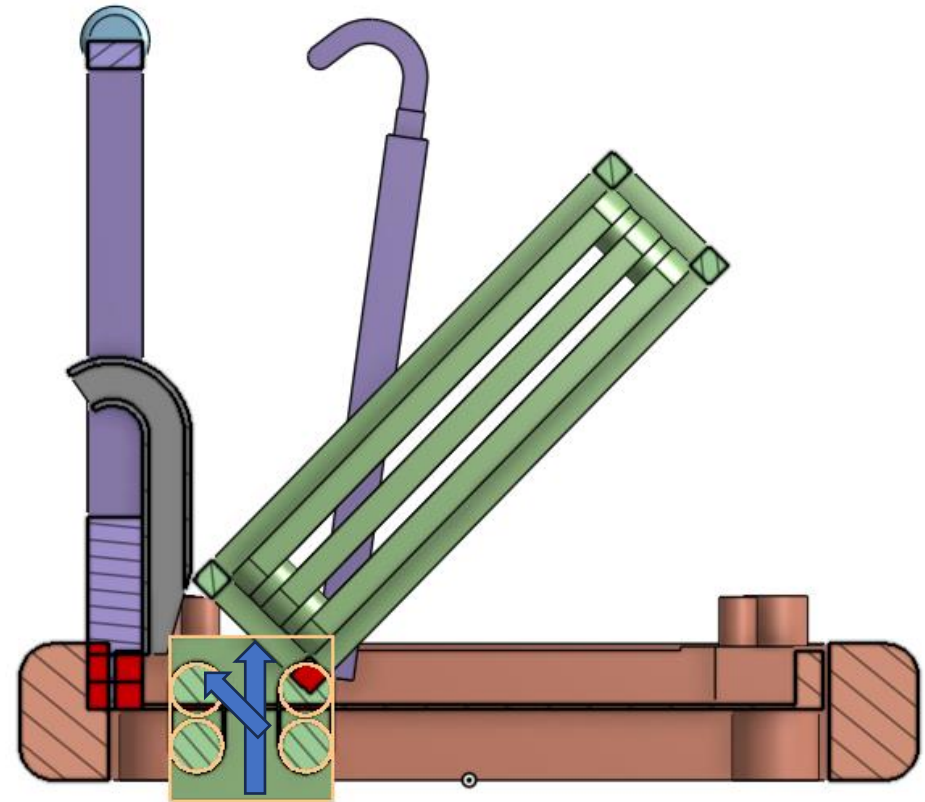
NOTEable features:

- Can shoot from a ~30ish to 90 degree shots
- Only meant for speaker shots
- Pivots around or near under bumper intake
- Modular (as in it should be easy to replace when it fails)
- One degree of freedom

Functions (Feeder Switch)



NOTE: intaking straight up may require your shooter to align itself such that it is 90-60 degrees from the floor



This robot includes a switch at the intake, the robot can either intake up or left (from this angle) to feed note either to the shooter or the "drainpipe".