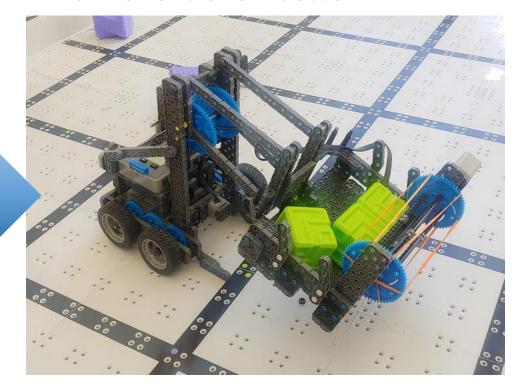


Samples of robots – Level 1

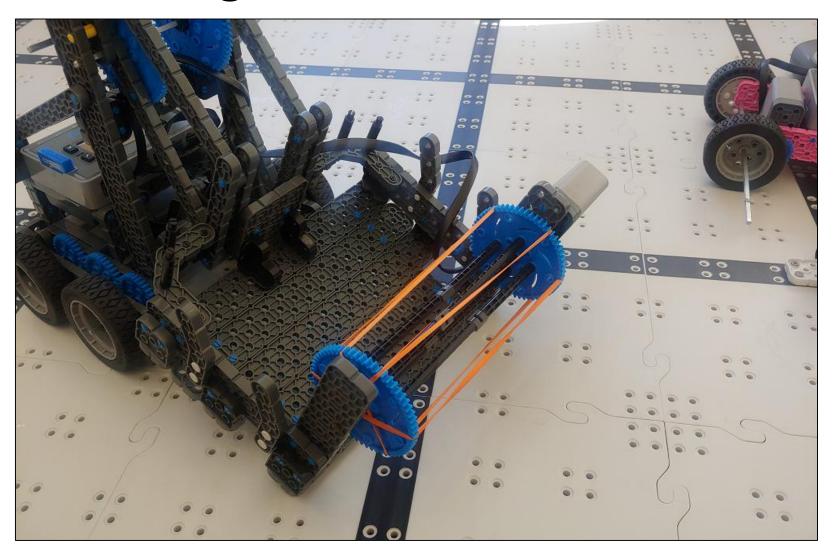
Take what you have...

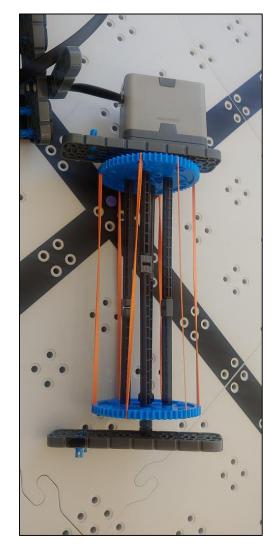


And make it even better!

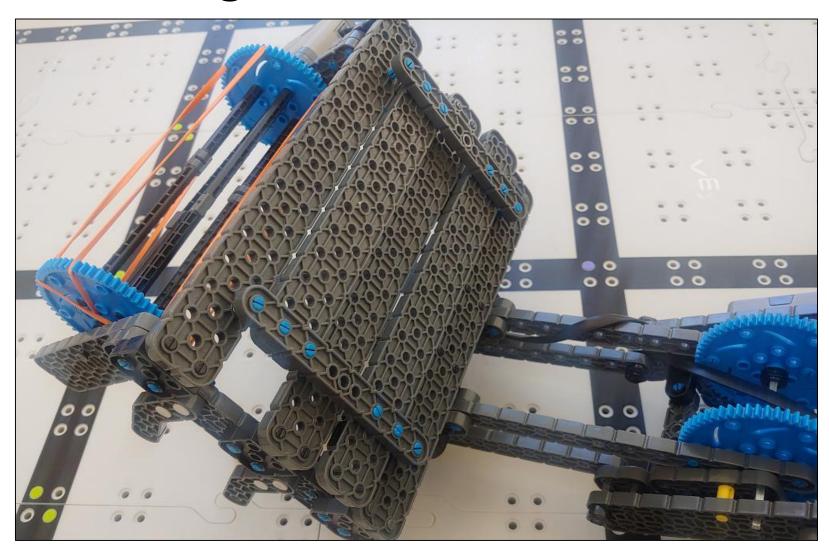


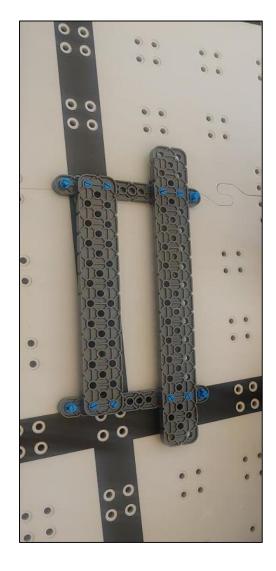
Breaking it down...





Breaking it down...

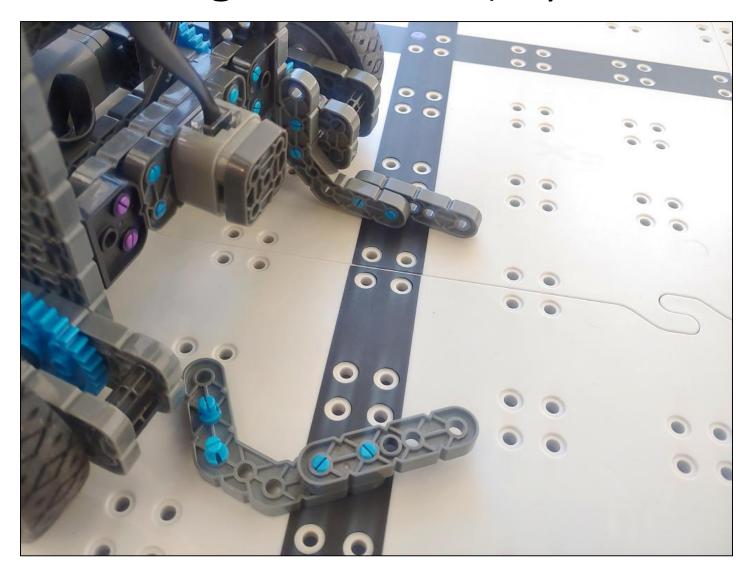




Breaking it down...

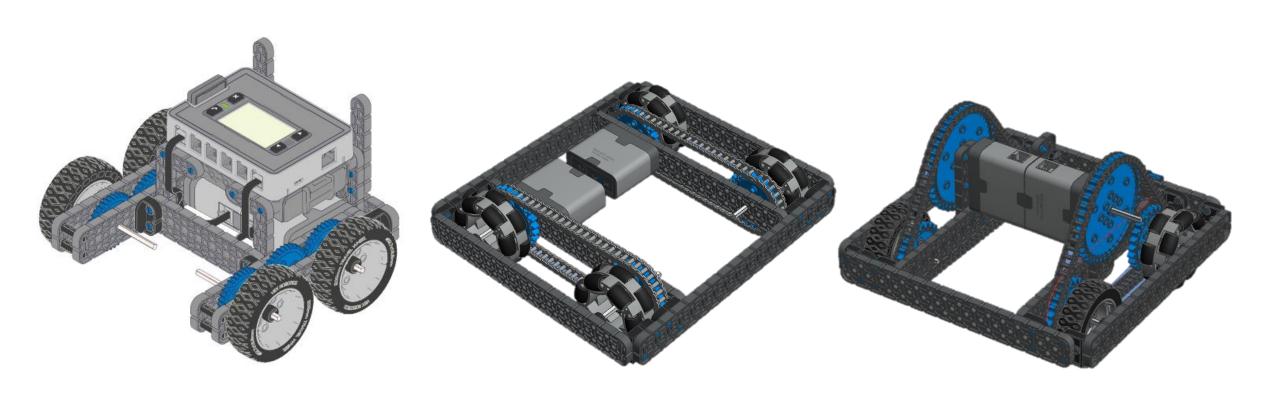


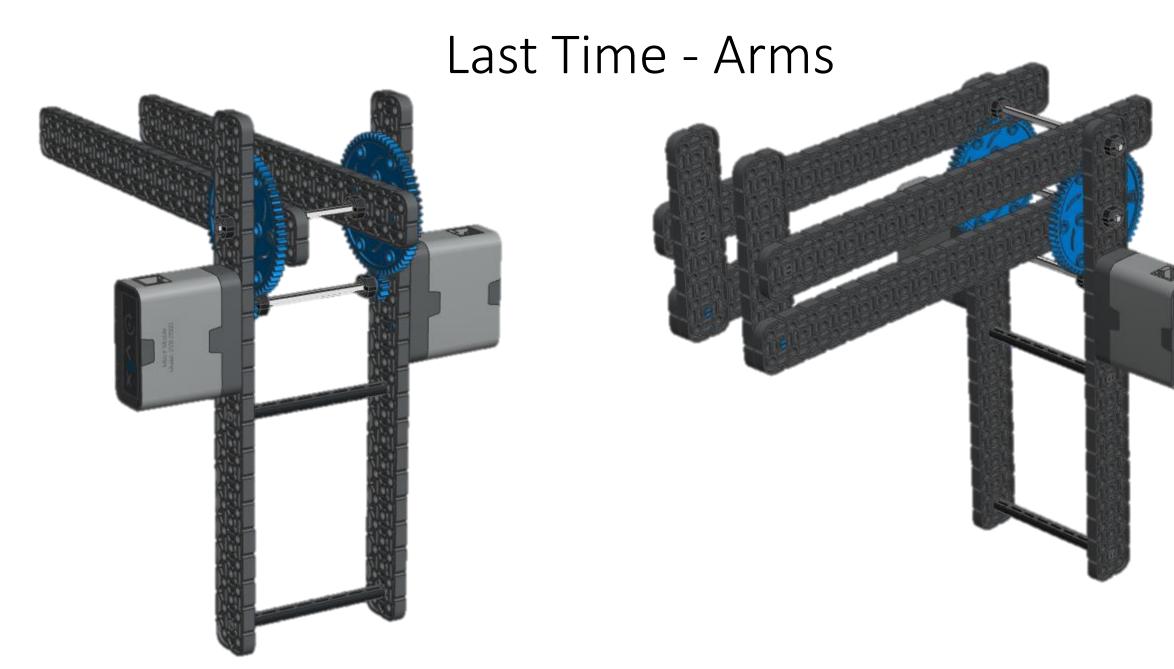
Breaking it down... (if you fall on your face)





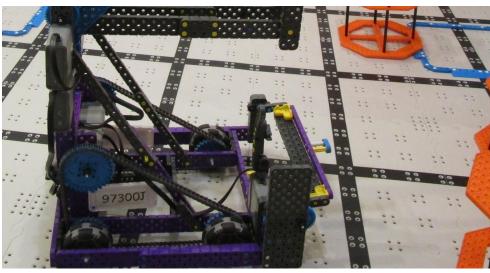
Last Time – Drive Bases

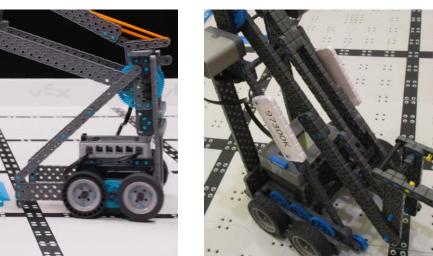




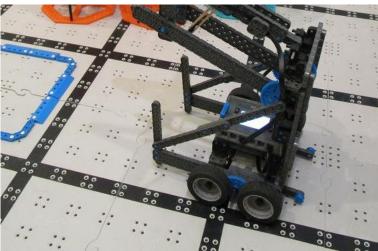
A-frames: Very useful, don't need to be large

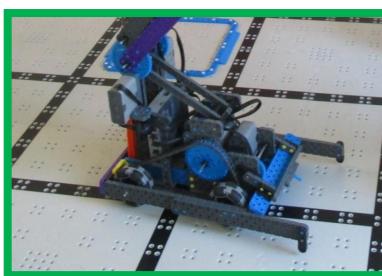








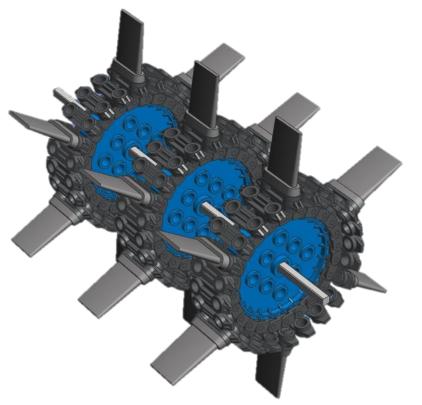


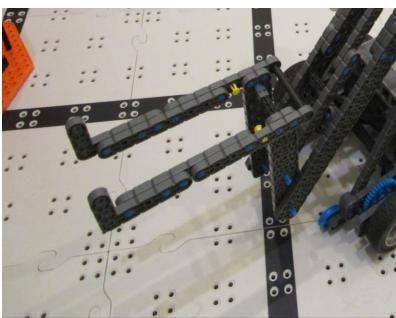


Rolly-Grabbers

- Great for balls, small objects
- Not so great for large objects use a claw

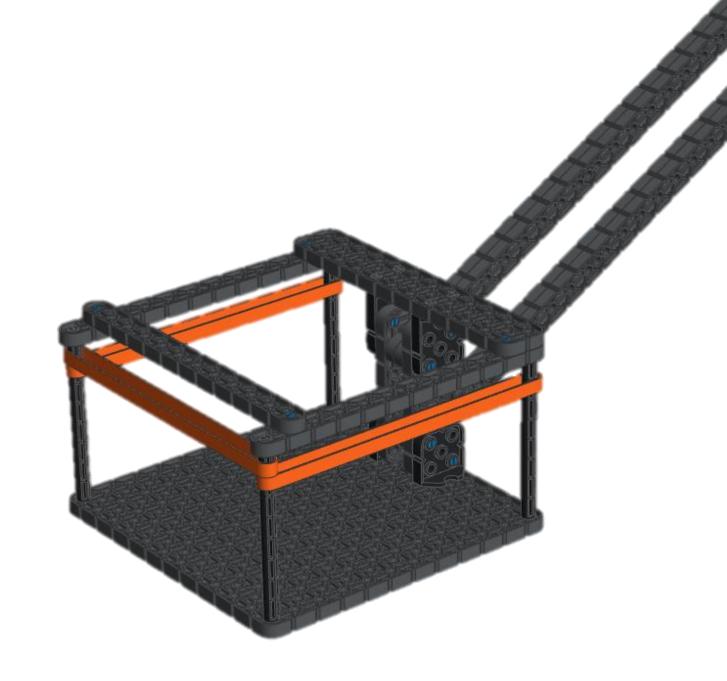




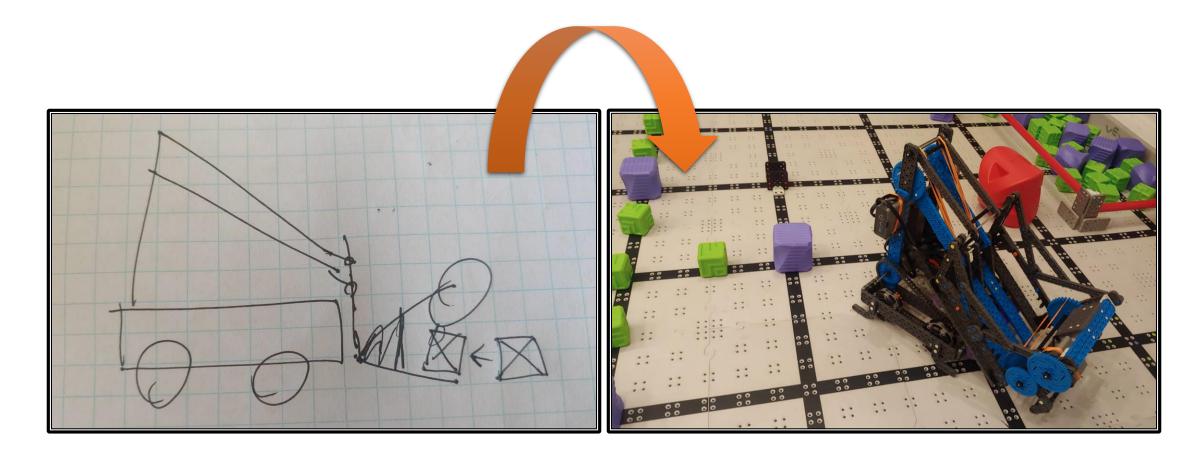


Passive Intakes

- Simple, light, large
- Require a wall or ramp
- Pretty uncommon



Putting the subsystems together - Example

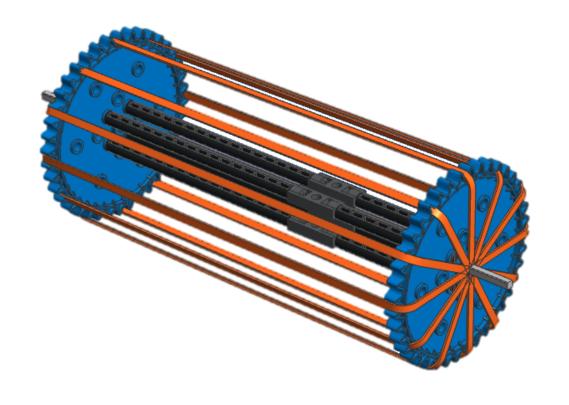




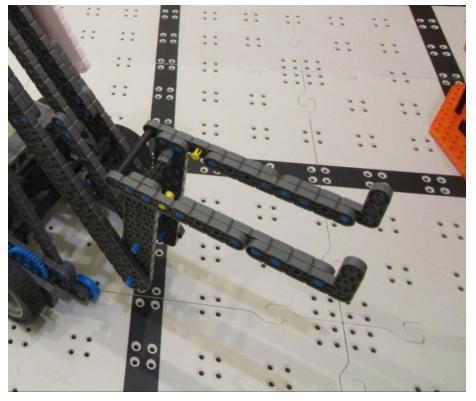


These 2 things will pick up almost anything...

Rubber band roller



Fork claw









REALITY

