

*WELCOME TO*



*MASTERS*

## Replays

Replay may not be available because the date of the camp is still in the future!  
Replays may take several hours to upload and process...

### Day 1

Monday, July 24, at 9:00 AM Pacific

VIDEO COMING

SOON!

[Camp slides day 1](#)

### Day 2

Tuesday, July 25, at 9:00 AM Pacific

VIDEO COMING

SOON!

[Login here!](#)

### Day 3

Wednesday, July 26, at 9:00 AM Pacific

VIDEO COMING

SOON!

### Day 4

Thursday, July 27, at 9:00 AM Pacific

VIDEO COMING

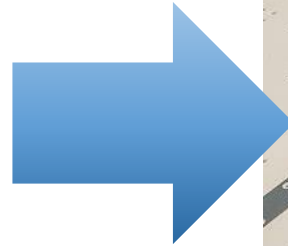
### Day 5

Friday, July 28, at 9:00 AM Pacific

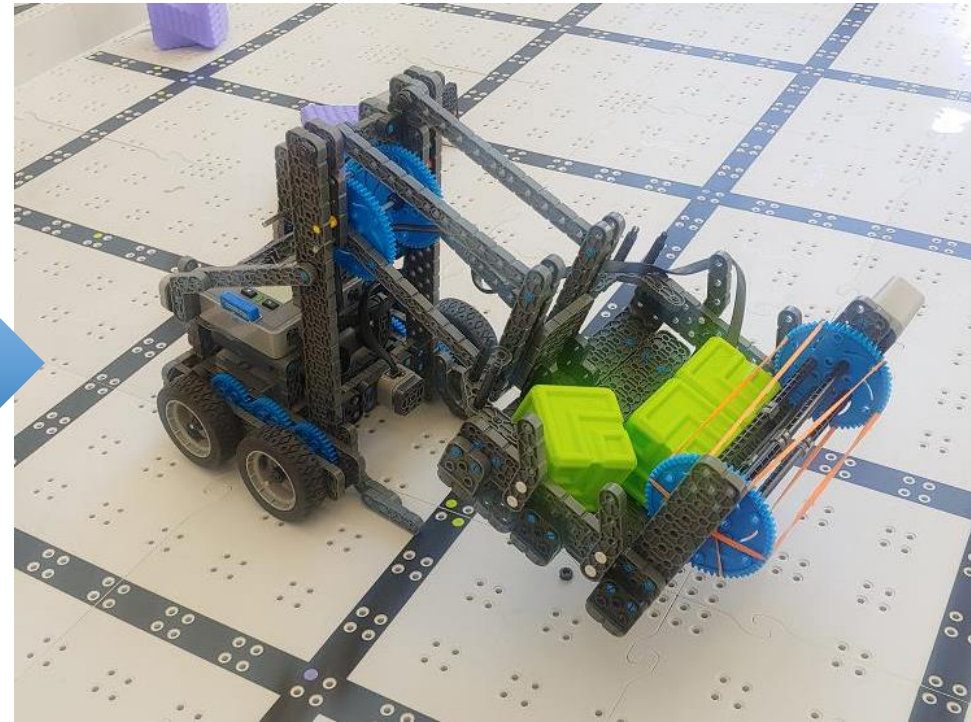
VI

# Samples of robots – Level 1

**Take what you have...**

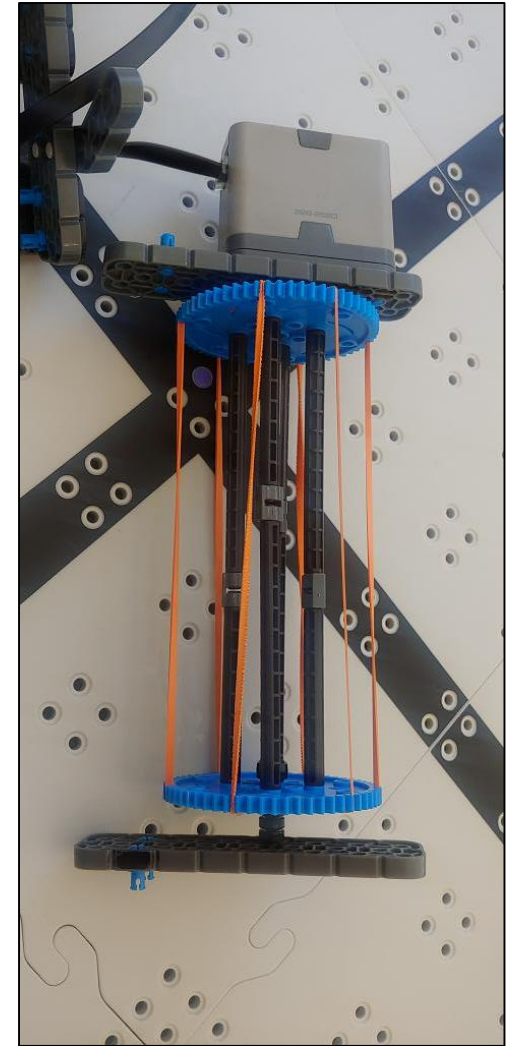
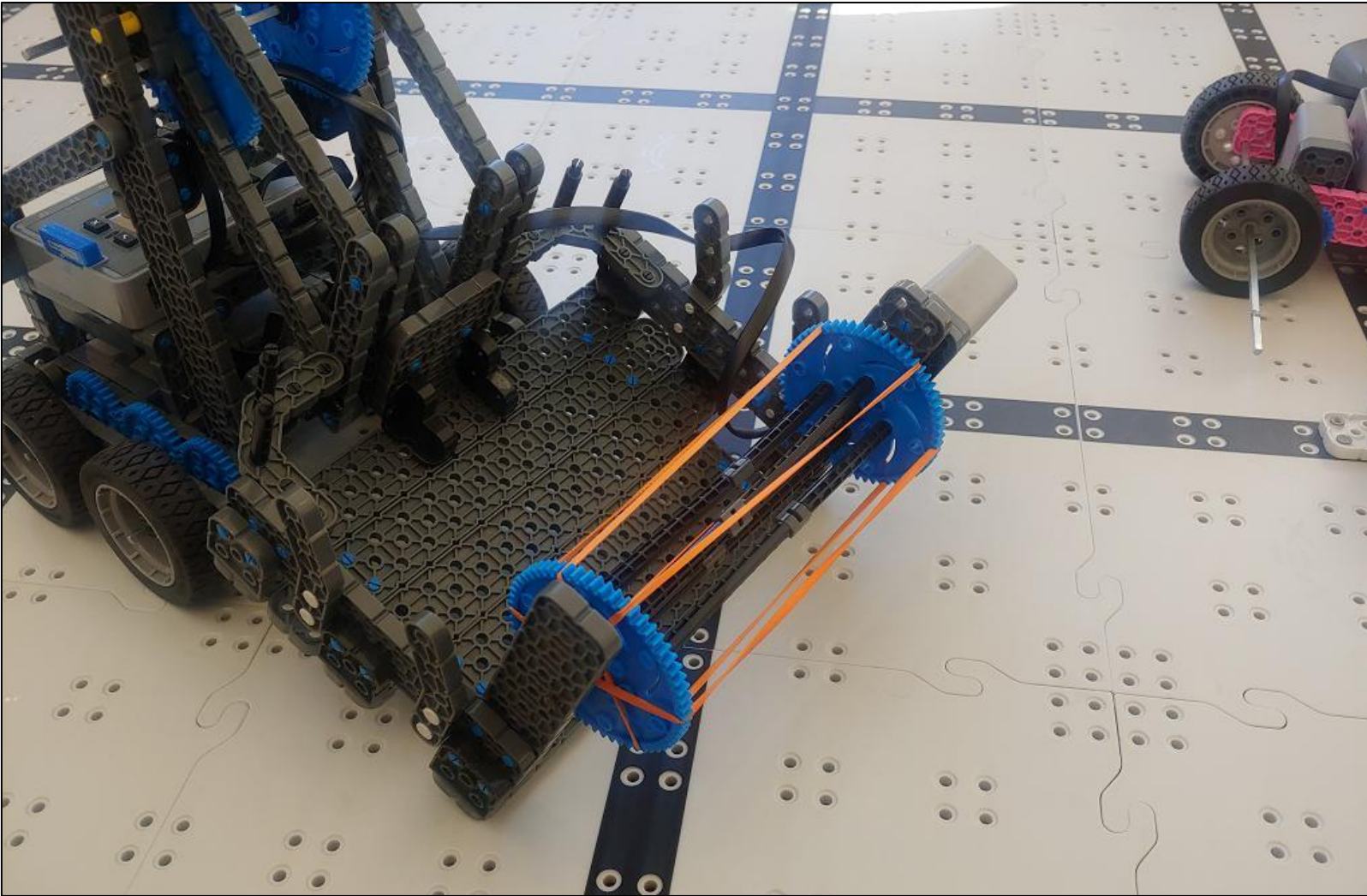


**And make it even better!**



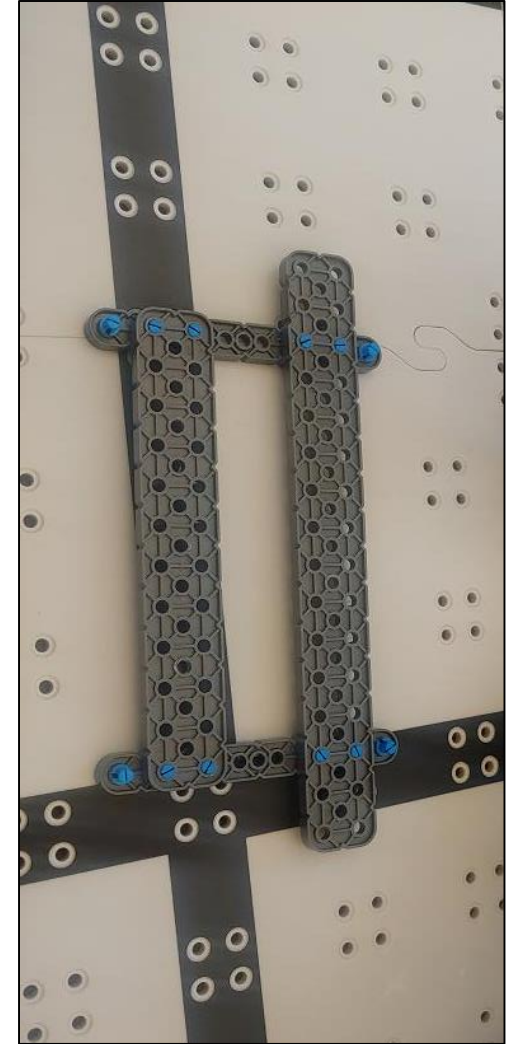
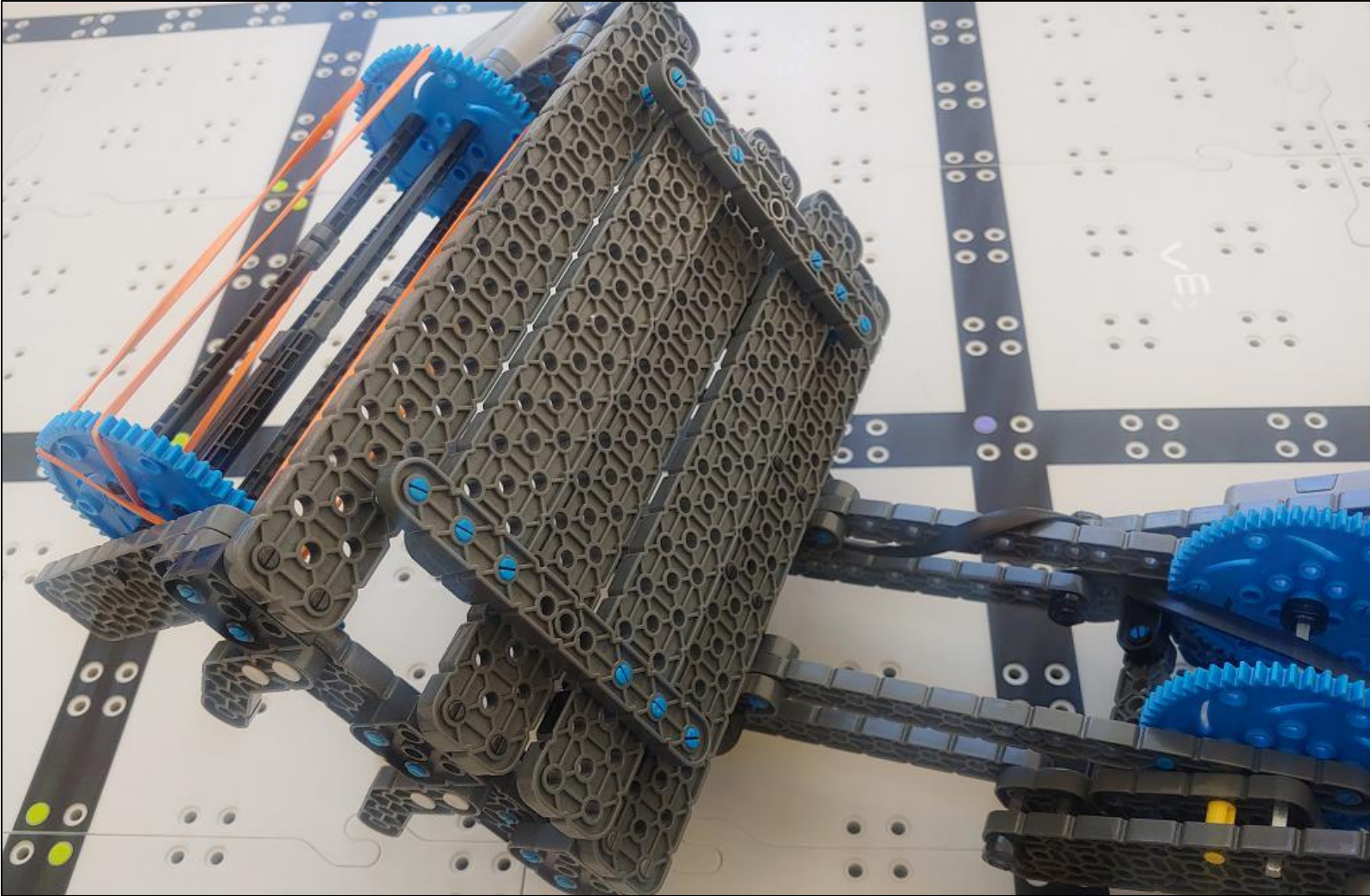


# Breaking it down...





Breaking it down...

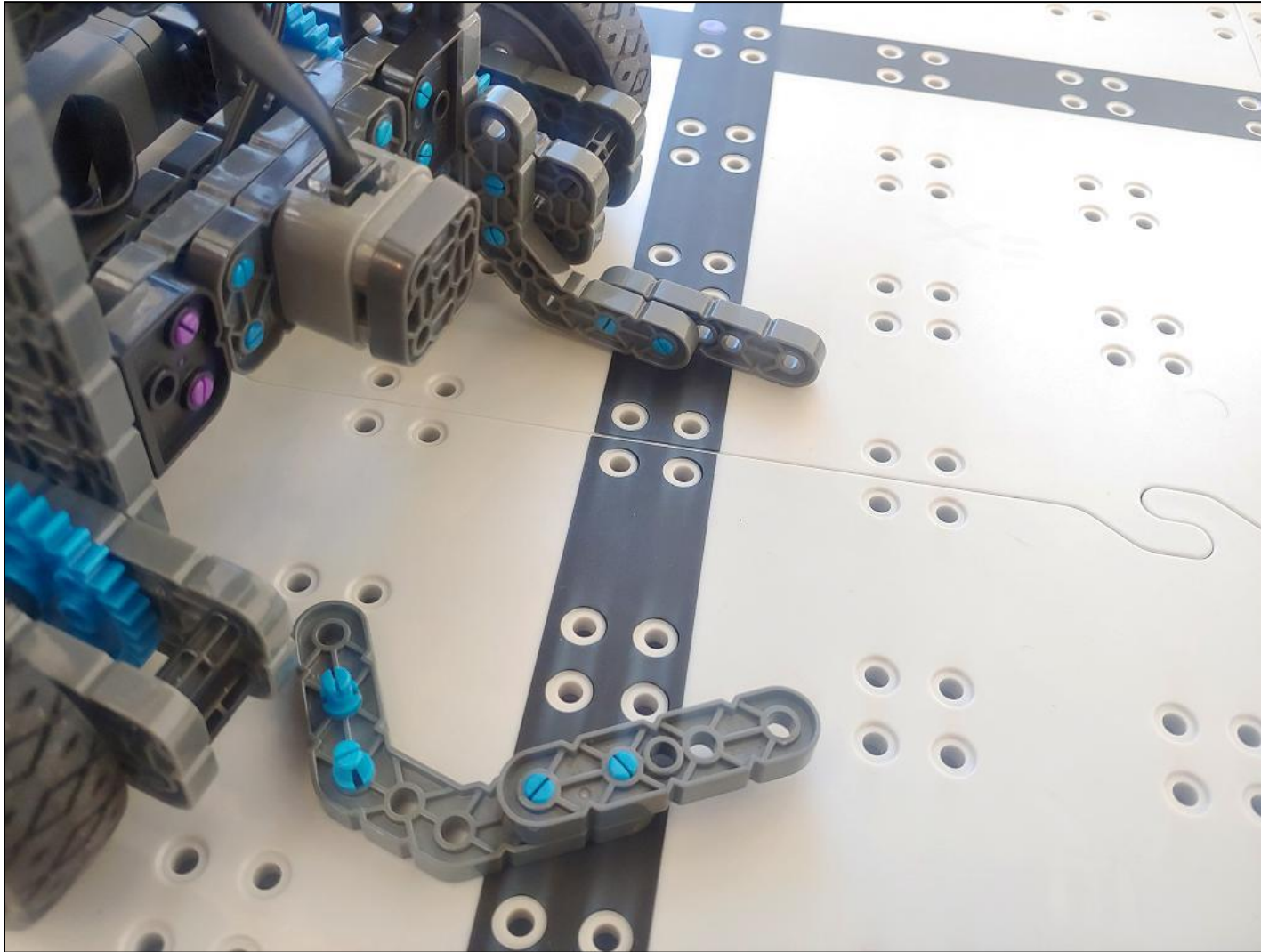


Breaking it down...





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



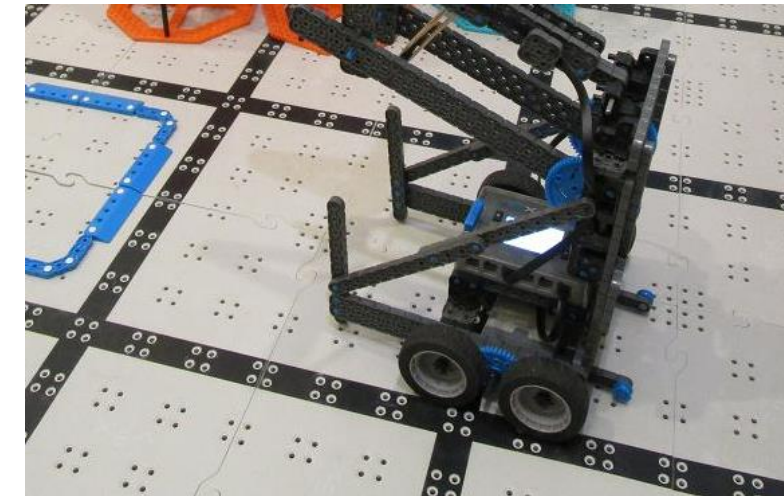
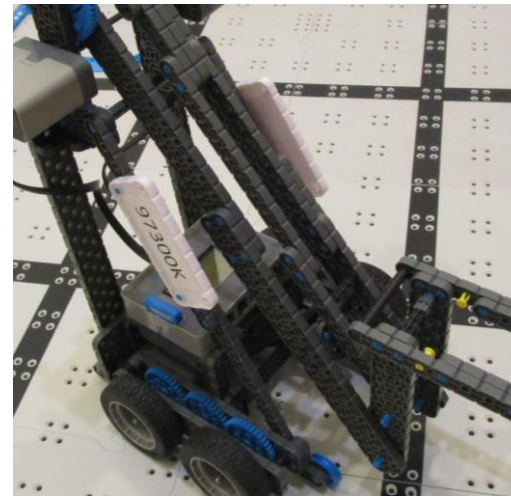
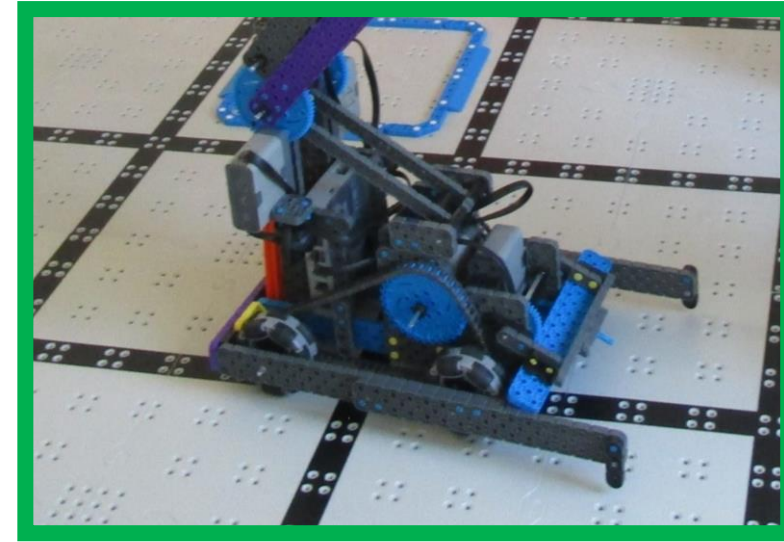
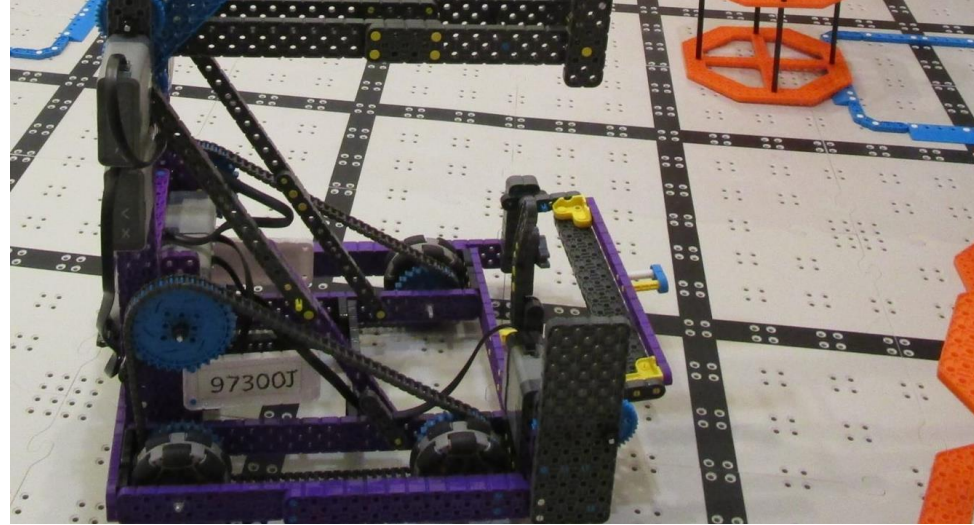
A photograph of a LEGO Technic model featuring a prominent A-frame structure. The A-frame is constructed from grey and purple Technic beams, with a blue gear visible on the left side. The entire model is built on a white base plate with a black grid pattern. Other components include orange gears, a blue gear, and various connectors. Two green lines are drawn over the image, pointing from the text towards the A-frame structure. The text 'A-frames' is centered in the image, and 'Support vertical structures with triangles' is written below it.

# A-frames

Support vertical structures with triangles



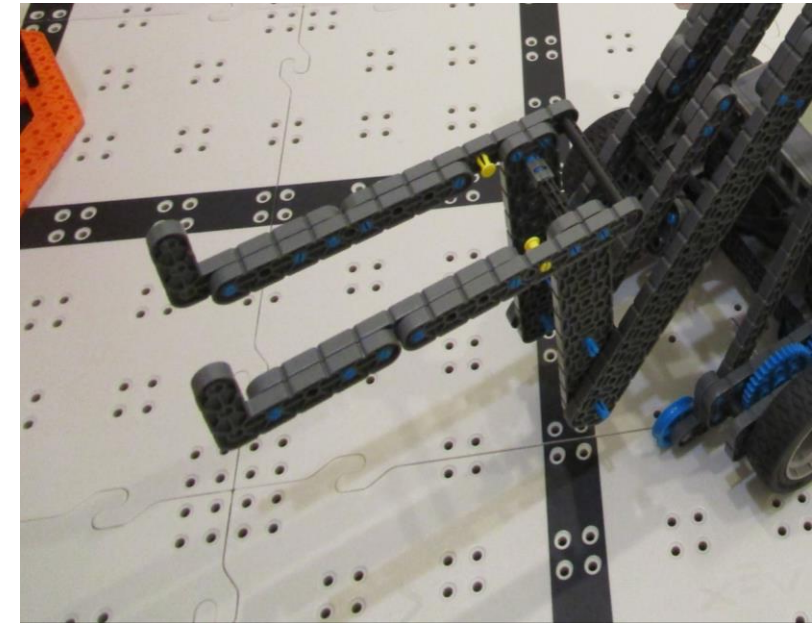
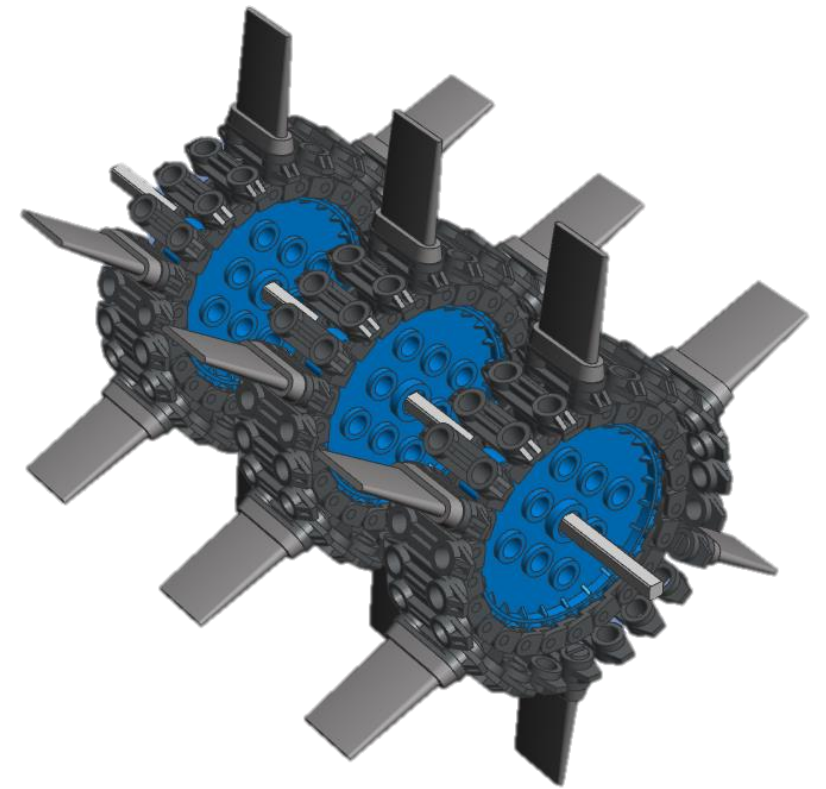
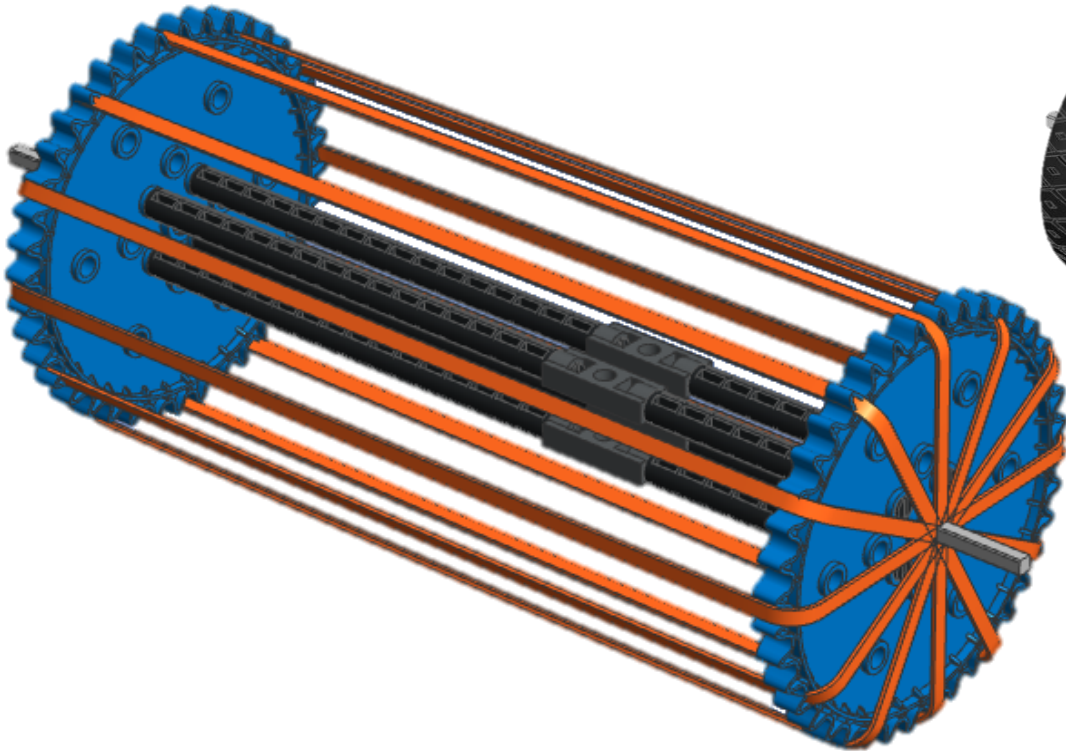
Very useful, don't need to be large





# Rolly-Grabbers

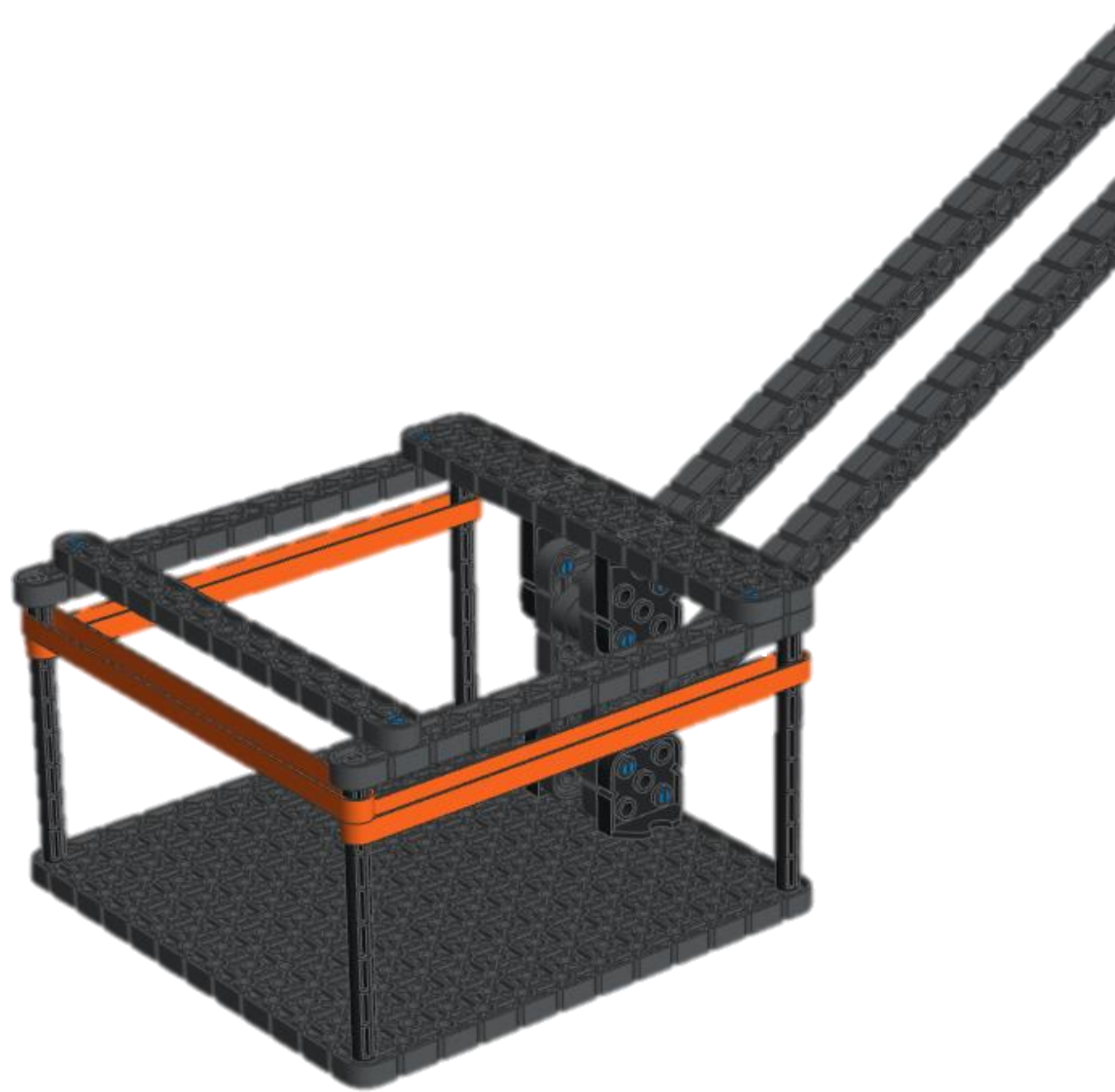
- Great for balls, small objects
- Not so great for large objects – use a claw





# Passive Intakes

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



# Putting the subsystems together - Example

