



# MISSION CHALLENGE

## WEEK # 3 – Starts 11/03

**Rules:** To accept this challenge, your team must submit a video of your robot completing one of the two challenge missions presented. Your robot must start from the launch area and complete the mission according to the **official** rules. It does not need to return home unless required by the mission. Also submit a copy of the mission program (screen shots are acceptable). You may optionally submit separate entries for both missions. Each completed mission will earn the team a raffle ticket in a drawing for a prize and a certificate of completion!

## Get Stronger.

### M04a Bench (Positioning)

Easier



The robot removes the backrest and flattens the bench. (You do not need to place cubes for this challenge.)

### M13 Weight Machine

Harder



Select the machine's lever setting, then the robot moves the lever until the little yellow stopper falls.

Video Submission File Name: Ftttttt\_mmmm\_V.ext Example F026070\_M08b\_V.mp4  
Program Submission File Name: Ftttttt\_mmmm\_P.ext Example F026070\_M08b\_P.png  
where tttttt is your 6 digit team number and mmmm is the challenge mission number