





Armbot IQ



V-Rex



Pick a robot, any robot...

Linq



Robotic forklift that can be coded to scoop, lift, and carry objects.

Build instructions >

Stretch



Hero Bot for the 2017-18 VEX IQ challenge game, Ringmaster.

Build instructions >

Byte



Hero Bot for the 2023-24 VEX IQ Robotics Competition, Full Volume.

PDF Build Instructions >

Clawbot



An addition to the BaseBot build that includes a robotic arm and claw attachment.

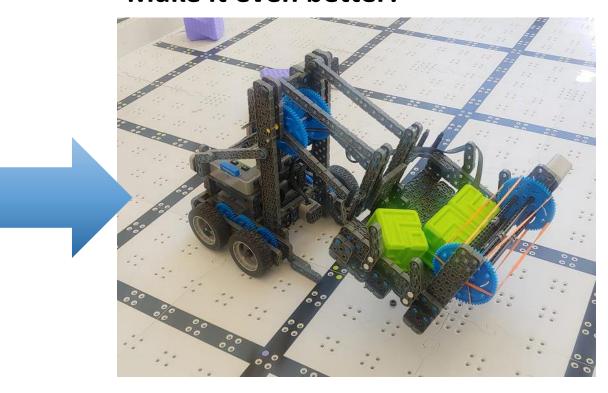
Build instructions >

Samples of robots

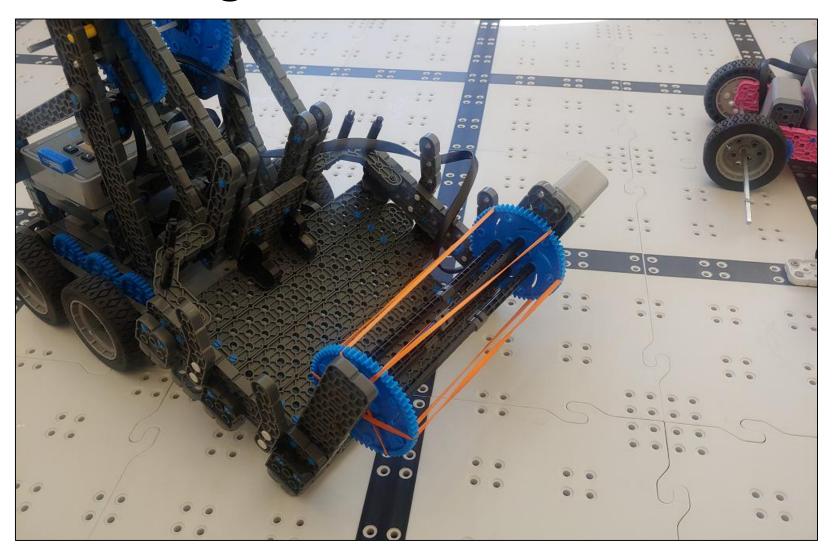
Build from instructions

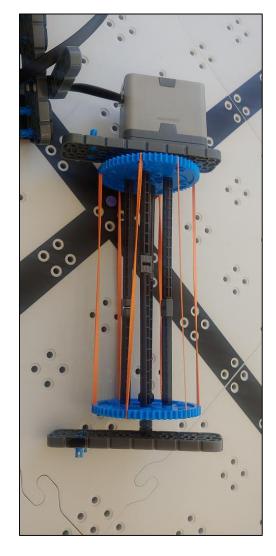


Make it even better!

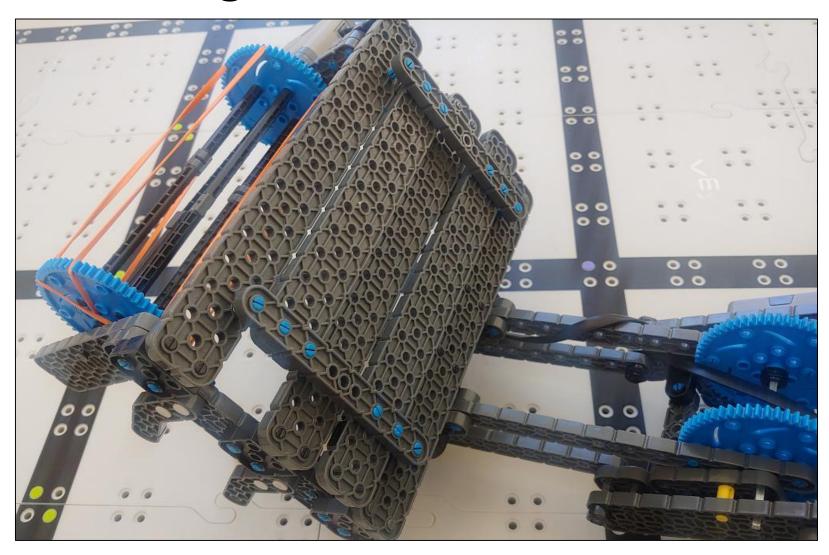


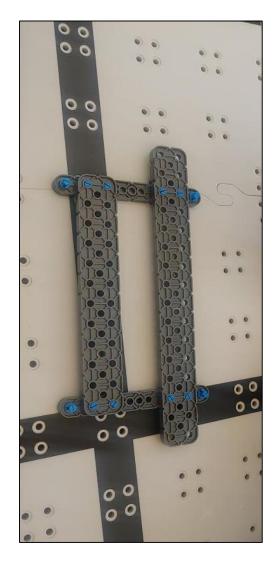
Breaking it down...





Breaking it down...

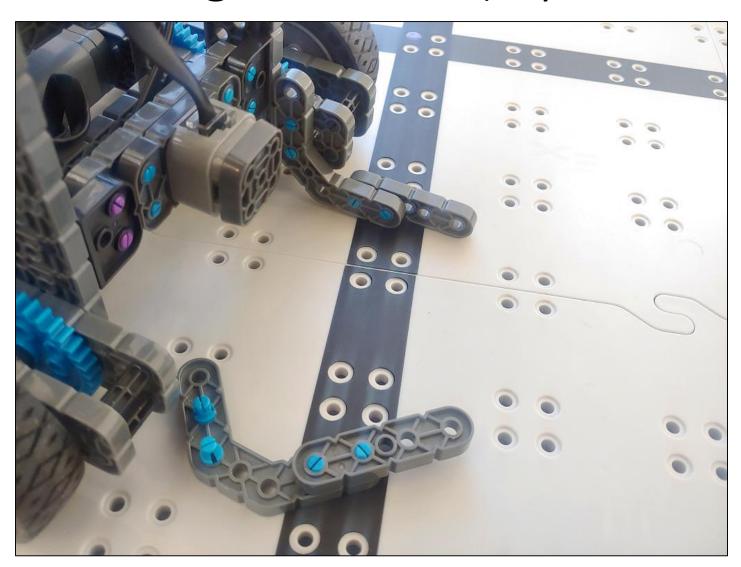




Breaking it down...

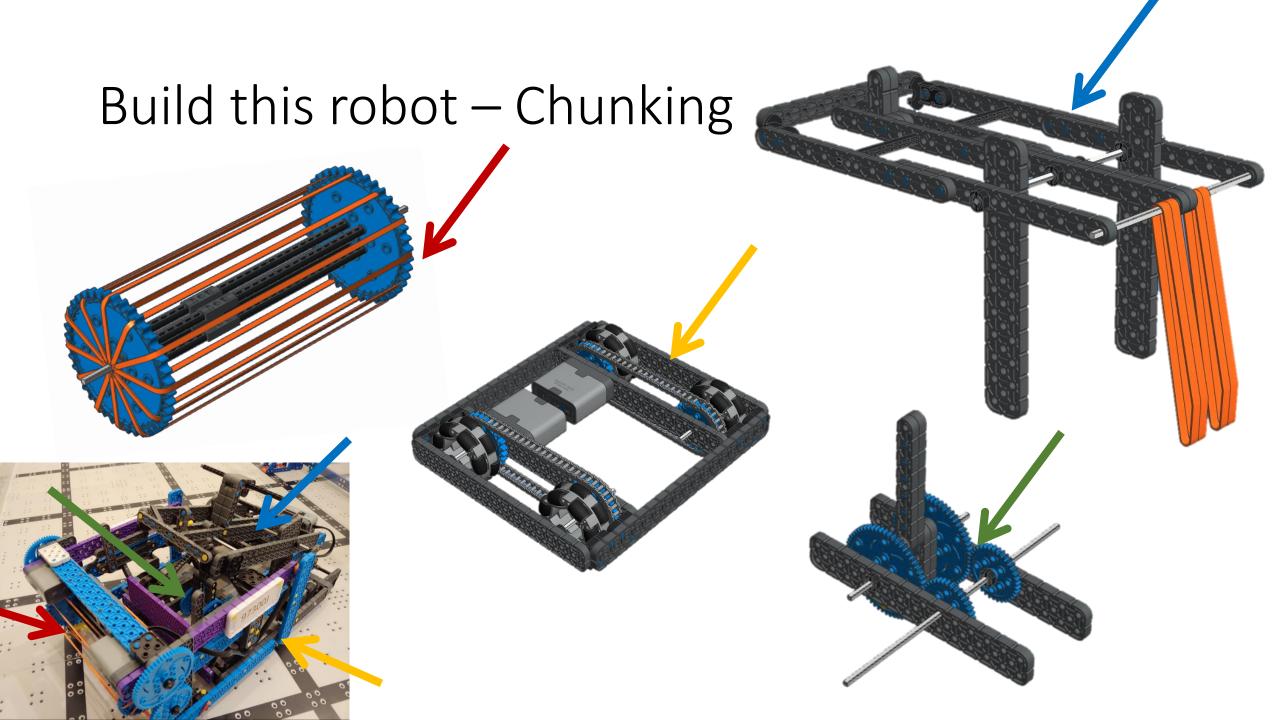


Breaking it down... (if you fall on your face)

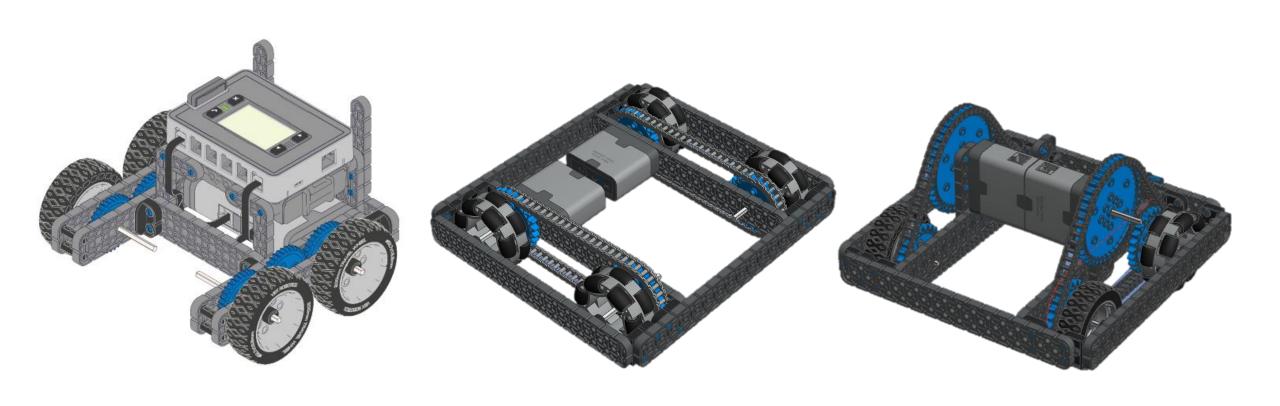






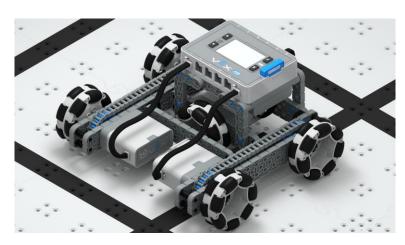


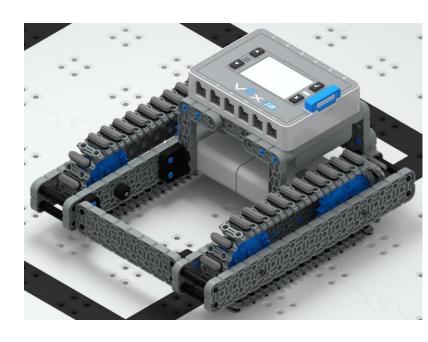
Different robot models



Different base models – BE CAREFUL!





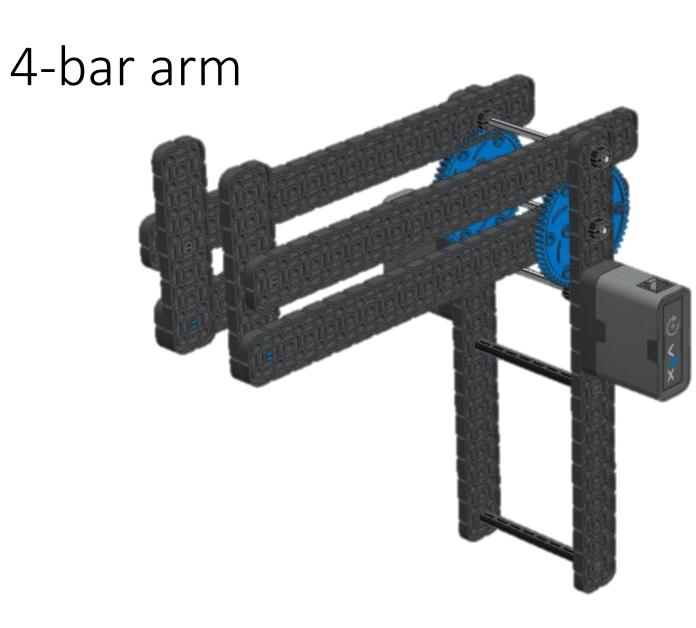


Single-jointed arm - Geared











Rolly-Grabbers





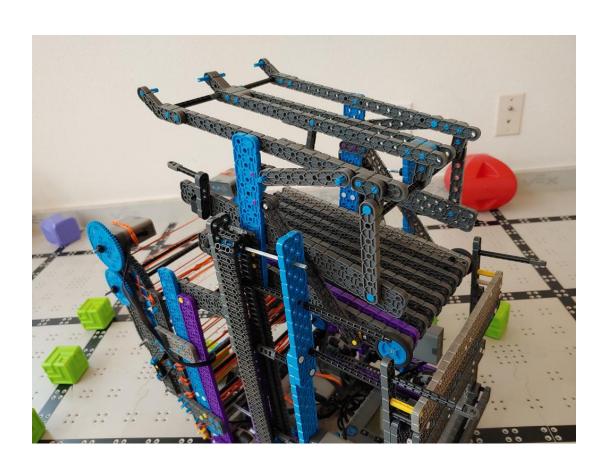


Rolly-Grabbers

Bigger is better



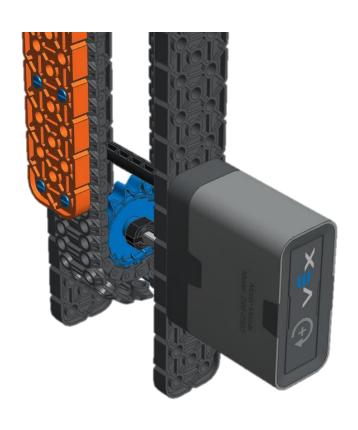
Elevators

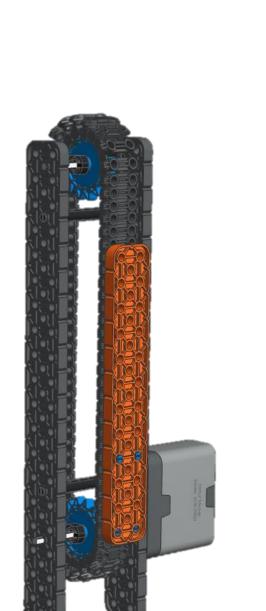


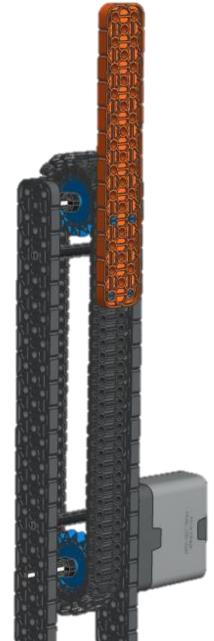




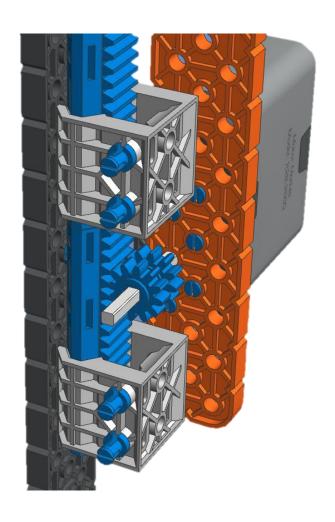
Elevators

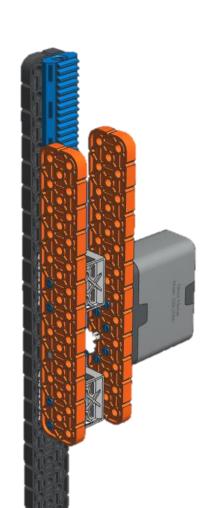


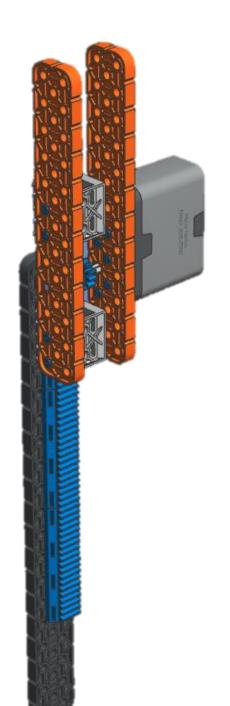




Elevators

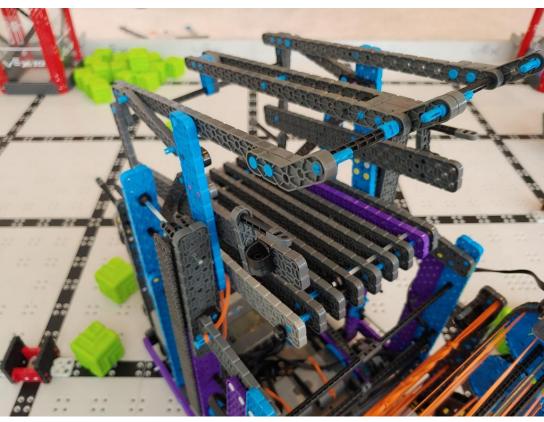


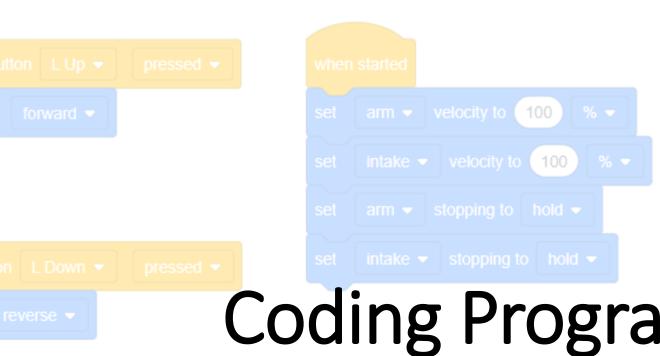




Ramps & Trays - be smooth!

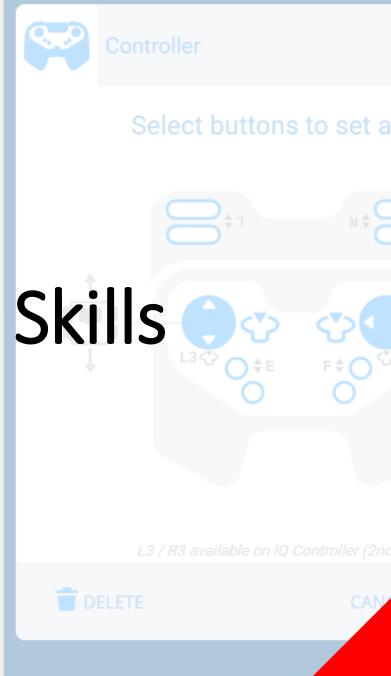




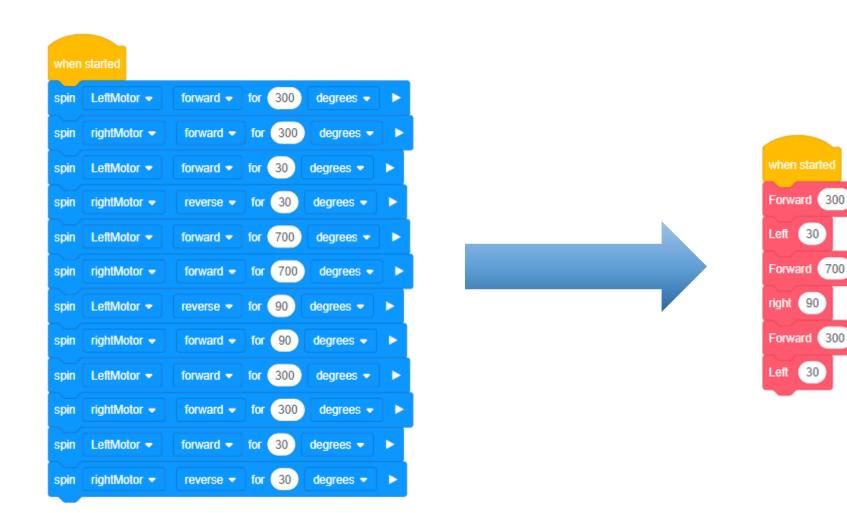


Coding Programming Skills





Coding: the power of functions



Coding: the power of functions

