



# Sub-Group Chassis

Team overview



# Sub-Group Chassis Overview

## Purpose:

- Build the majority of the robot. Starting from the wheels up to the superstructure that holds the manipulators.
- Power transmission system- Chain, gears, belts, Gearboxes, sprockets.
- Glides, slides,pivots- moving parts of the robot.

# Sub-Group Chassis Overview

## Tasks:

- Work with the Strategy subgroup to determine proper drive system.
  - Proper wheel choice
  - Direct drive vs non-direct
  - Chassis volume
  - Chassis tiers
  - Placement of major components
    - Electrical board
    - Pneumatics
    - Gearboxes

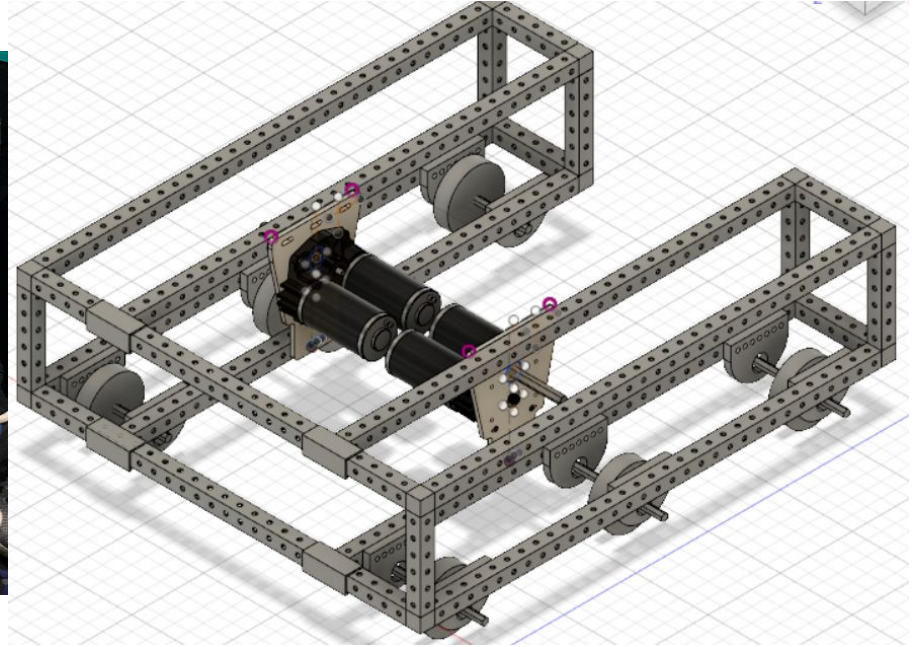
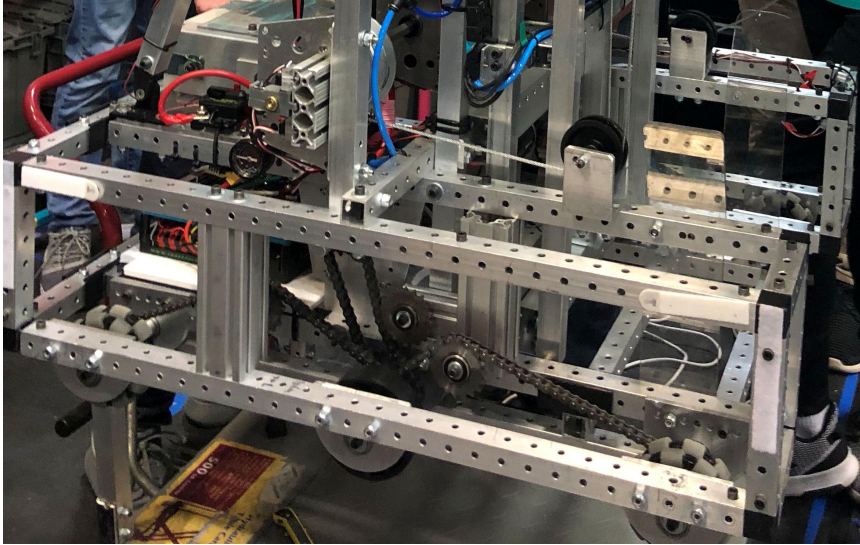
# Sub-Group Chassis Overview

Knowledge:

- Measurement
- SAFETY
- Tool use
- Cutting/drilling accurately
- Reading plans / sketches
- Making plans / sketches

# Sub-Group Chassis Overview

Examples:



# Seasonal Timeline

