



# S.P.A.M. WEEKLY

Week 2: 1/13/25 - 1/19/25

## Week Two

After an exciting second week, S.P.A.M is on a roll in designing, prototyping, programming, and working on impact! The robot's design is close to being ready and the field should also be ready by the end of the following week. We've also begun discussing robot names and fun shirt themes!

### Mechanical

#### Progress:

- Started manufacturing elevator parts
- Intake prototype V2 tested
- End effector prototype

#### Next Week's Goals:

- Build robot Chassis
- Build swerve modules

### CAD

#### Progress:

- Elevator Designed
- Algae intake/climb mechanism Designed
- End effector Designed
- V1 Coral intake Designed

#### Next Week's Goals:

- Finalize Chasis
- Update/Finalize mechanisms

### Programming

#### Progress:

- Explored physics simulation for elevator and intakes
- Updated Blackberry to 2025
- Began vision code

#### Next Week's Goals:

- Obtain mechanism information from CAD for physics simulation
- Continue vision

### Awards

#### Progress:

- Woodie Flowers
- Impact Essay
- Executive Summary

#### Next Week's Goals:

- Continue essays
- Begin impact video (?)

### Field Building

#### Progress:

- Built reef base
- Layout is complete for half field
- Reef branches measurement completed

#### Next Week's Goals:

- Build full coral station
- Processor area
- Barge

### Fundraising & Outreach

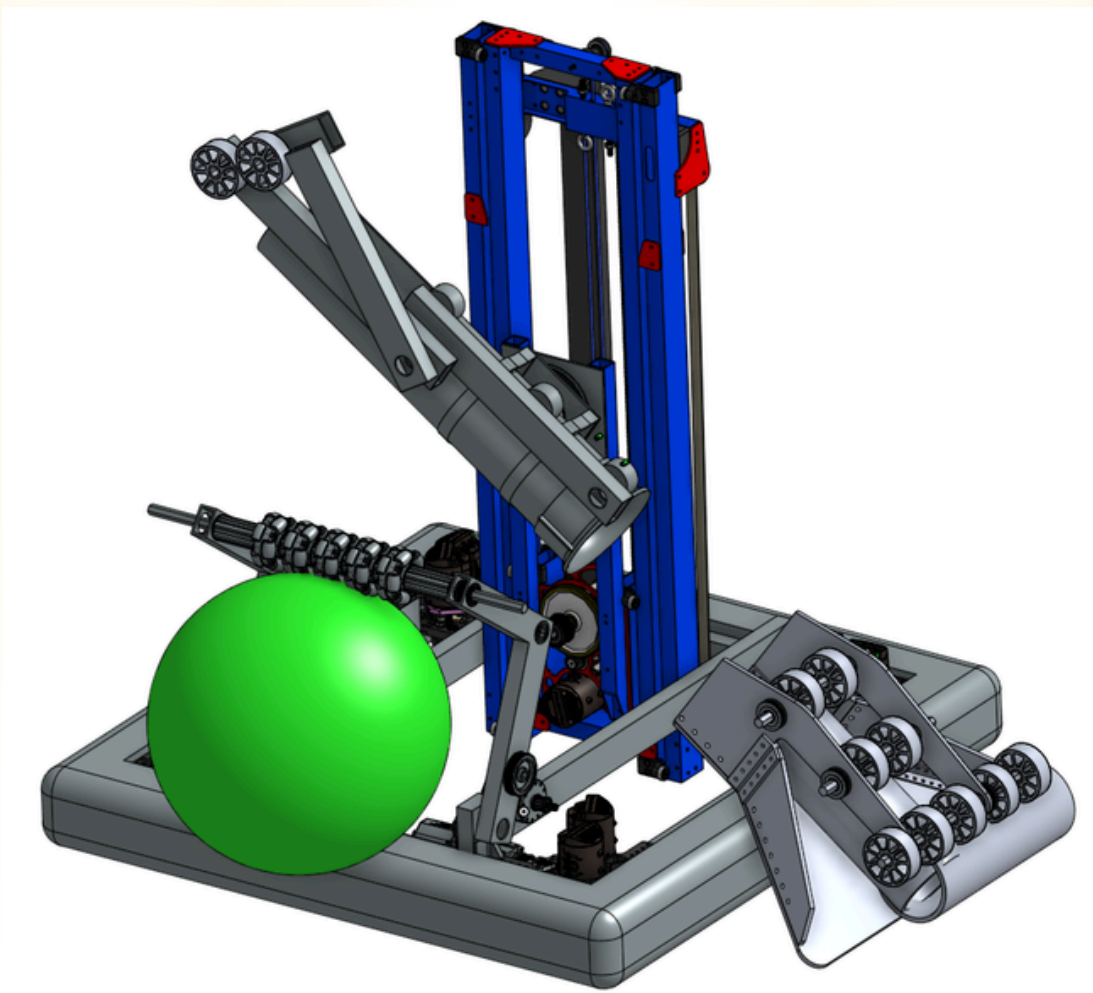
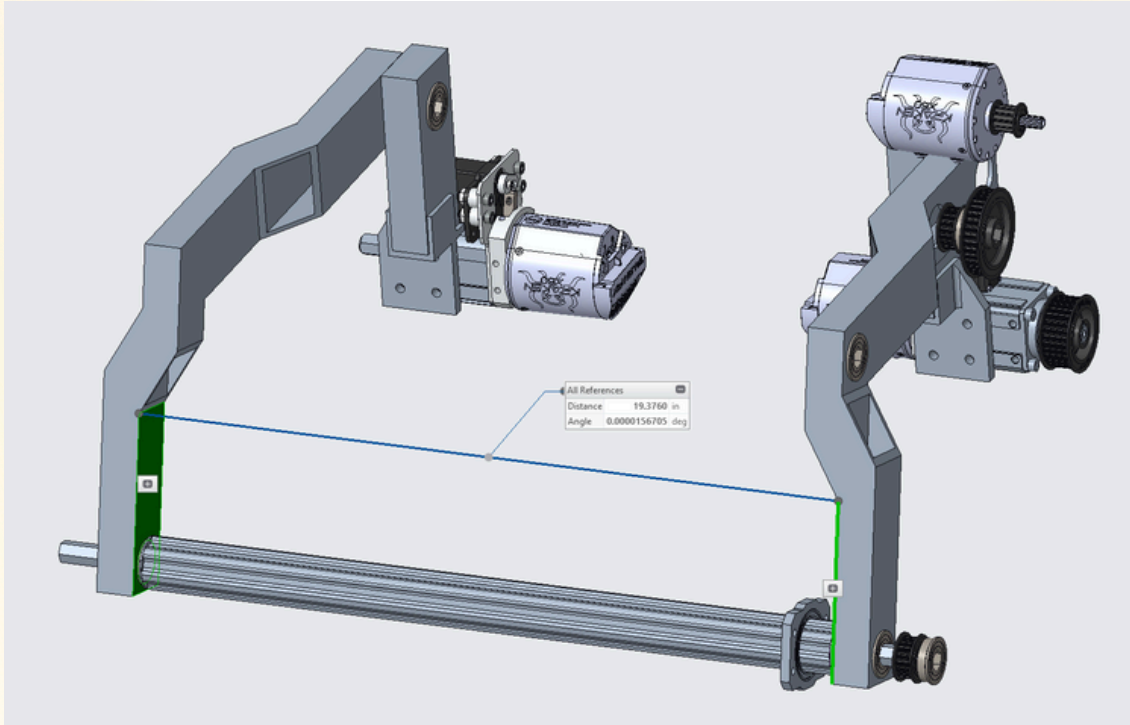
#### Progress:

- Students reach out to local businesses
- Volunteered at FLL regional

#### Next Week's Goals:

- Continue reaching out to local businesses

# CAD Spotlight



20

## January Meetings

25

Sun

Mon

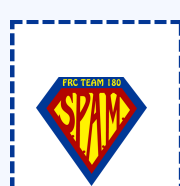
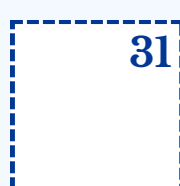
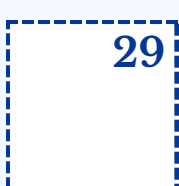
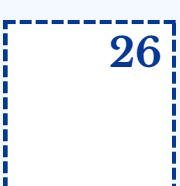
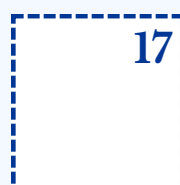
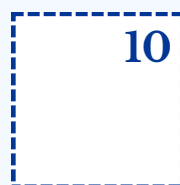
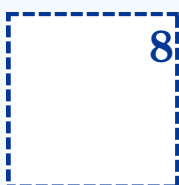
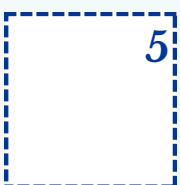
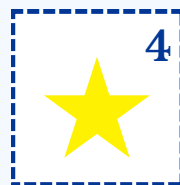
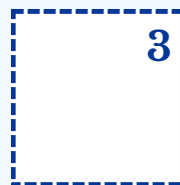
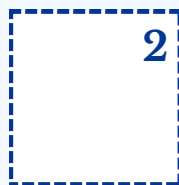
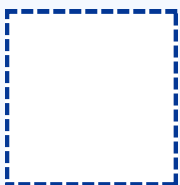
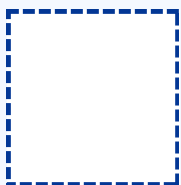
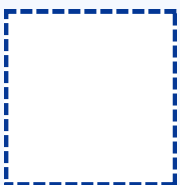
Tues

Wed

Thurs

Fri

Sat



Our Schedule is also on our [website!!](#)

# THANK YOU

Made by Zach & Isabella