

# Four Different Activities in the FIRST Tech Challenge Area

*(Soliciting team commitments and preferences. Teams can perform one activity in the AM and a different one in the PM.)*

## Activity A

### 2<sup>nd</sup> Floor Showcase Tables

- There will be ~3 tables assigned to FTC in a long corridor on the 2<sup>nd</sup> floor. Along the corridor, all FIRST Programs will be showcased. We want to meet the mall-goers, tell them about FTC, and encourage them to visit our 1<sup>st</sup> floor area.
- You can show previous year's robots, 3-D printed parts, impressive tri-fold, ...whatever put your best foot forward and attracts folks to FTC.

## Activity B

### 1<sup>st</sup> Floor PowerPlay Tinkering Tables and Demo/Practice Field

- This is somewhat like a traditional FTC Practice Day but occurring Oct 1, Oct 2 ...rather than much later in the month.
- FTC teams can bring their PowerPlay robot, regardless of what state it is in. Team members work on their bot, get help, and **use our official PowerPlay field**. Of course, we also hope that mall-goers will be watching our FTC'ers as team members ...work on their robots, attempt the PowerPlay scoring challenges, and field questions from the crowd.

## Activity C

### 1<sup>st</sup> Floor Robot-Races

- FTCNJ team members will help young mall-goers to compete 3-4 jersey bots race around an **FTC "race-track"**. The race-track is a 16x16 field with dead zone in the middle. Yup, looks like a race-track.
- We need teams who are good with young ones, ensure that they have fun, and learn about FTC (especially any visiting FLL'ers)

## Activity D

### 1<sup>st</sup> Floor Freight Frenzy Demo or Mini-Drive Zone

- Some team are able to keep last year's FF bot together, even after the PowerPlay game reveal. Such teams can demo on a Freight Frenzy field.
- We suspect that the majority of our FTC teams have taken their Freight Frenzy robot apart. That's OK too. Though we will construct a Freight Frenzy field, we will have some basic scoring skills on it that can be done by a young mall-goer driving a jersey-bot.
- Similar to the robot-races above, we need FTC student volunteers who are good with young ones, ensure that they have fun, and learn about FTC (especially any visiting FLL'ers)

## Notes:

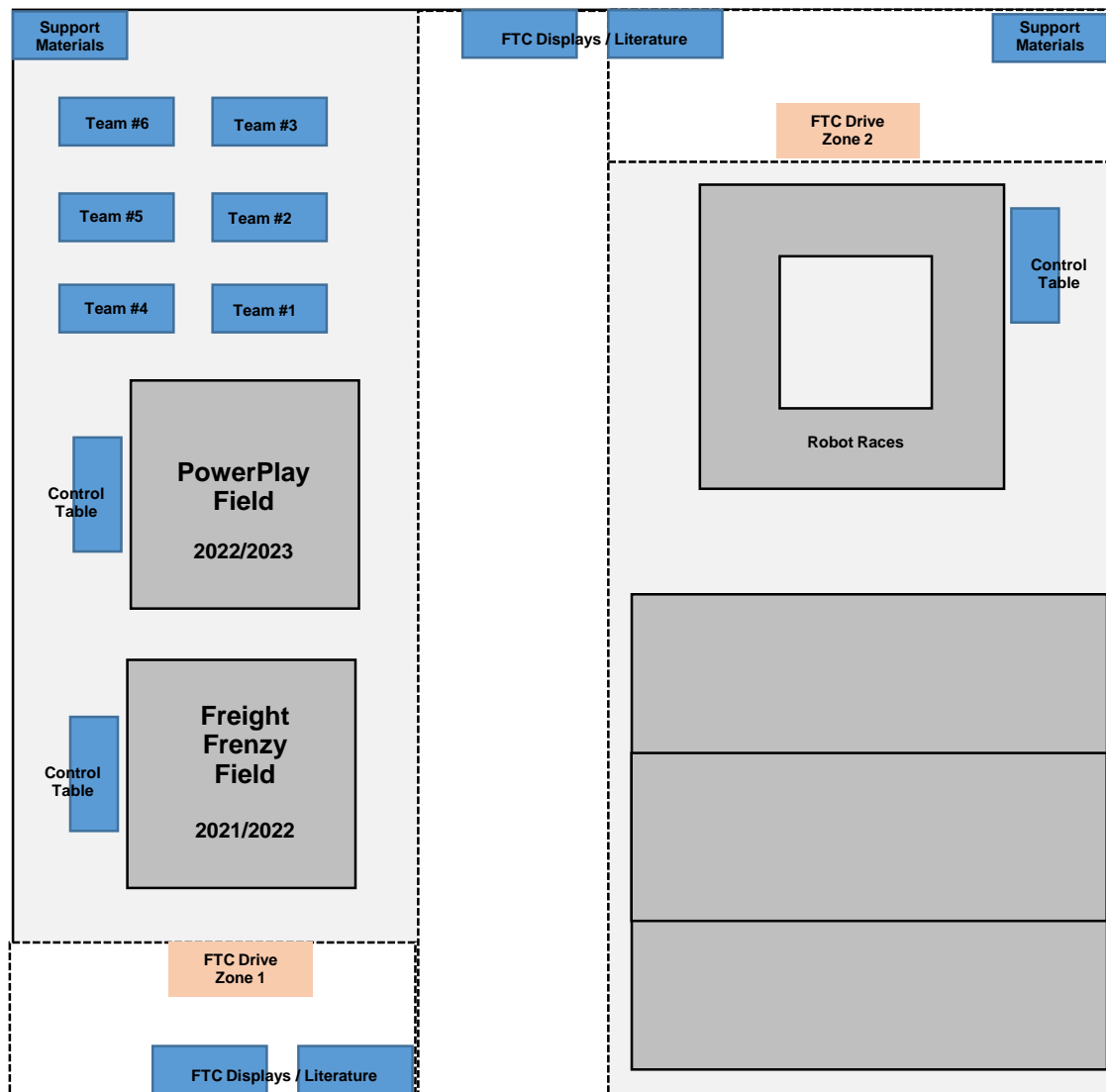
- 10' wide Aisle down center of area for spectators (in safe white zones only)

## Left Side

- FIRST / FTC Info immediately inside door
- Spectators can watch Freight Frenzy robots, assuming teams with last year's robots...
  - otherwise Mall Youth can drive a robot on the Freight Frenzy Field while standing in the safe "Drive Zone 1" area.
- Current FTC teams will be debugging their new robots on the official PowerPlay field. First time for many.
- Six tables for teams to tinker on this year's bots. Senior teams are on Tables #1, #2, #3 to answer spectator questions
- Extra table for Support Materials.

## Right Side

- FRC Area is 25' x 25'
- Expanded FTC Field is 16' x 16' with walled empty space in the center to simulate a racetrack.
- Spectators find FTC literature at the entrance to the Drive Zone 2 area.
  - Mall Youth face the field and drive their robots around the track.



58' wide x 57' deep