



Tesla Coaches Q&A call

Monday January 20, 2020

Tesla Tournament Coordinators - Joe Muskin, Dave Tewksbury,
Bob Smith

Tesla Head Judge Advisor - Giselle Rodriguez (Kyle Blais filling in
for Giselle)

Tesla Head Referee – Dee Karabowicz

Call Moderator – Bob Hubberts



Schedule



**Illinois Tesla Championships - University of Illinois - Activities & Recreation Center (ARC)
201 East Peabody Drive, Champaign, IL 61820**

Saturday, January 25, 2020

7:15 AM	Doors Open/Practice Tables Open
7:30 AM – 10:00 AM	Team check-in
8:10 AM – 11:45 AM	Project, Core Values, and Robot Design Judging
9:30 AM – 11:45 AM	Robot Performance – Mandatory scheduled robot game round with referees (Head Referee, Dee Karabowicz available for Q&A at competition tables before or after your scheduled team practice time)
11:00 AM – 2:00 PM	Lunch Available (teams eat lunch between other activities)
12:00 PM	Two team representatives line up for Spirit Parade
12:15 PM – 12:45 PM	Opening Ceremony
1:00 PM – 1:50 PM	Robot Performance Round 1 Matches
1:30 PM – 3:00 PM	Team photo & pick up pins; near main stage
1:50 PM – 2:05 PM	Robot Performance Table break
2:05 PM – 2:55 PM	Robot Performance Round 2 Matches
2:55 PM – 3:45 PM	Robot Performance Round 3 Matches
3:45 PM – 4:35 PM	Robot Performance Round 4 Matches
4:45 PM – 5:15 PM	Robot Alliance Round Matches – All teams included, unless – prior to the tournament – they request to not participate
5:15 PM – 6:00 PM	Closing Ceremony
6:00 PM – Until completed	Final Tear down & exit; volunteers from teams are needed



Other Announcements



- Schedules will be posted by Wednesday
- Food pre-order forms are available on the championship website
- We have a small change to our Spirit Parade rule of 2 people per team.
 - Only 2 people per team
 - However, if your team is only 3 member all 3 can march.



Judging



All judging sessions 10 minutes long

- -Time Starts when 1st person enters room
- Beginning of session is for presentations
 - Core Values 3 minutes
 - Robot Design 4 minutes
 - Innovation Project 5 minutes
- Remainder of time is for Q&A
- Project Presentations will be video recorded by judges
- There will be no Callbacks
- Judges will be out in the pit and competition areas to observe and talk to teams as needed.



Additional Judging Reminders



- Make sure to follow participation rules
 - Maximum 10 students per team
 - Students can only be on one team per season
 - Students must participate in all judging sessions and attend all robot game matches that occur while they are in attendance of the tournament
- Award Decisions are made based on information gathered throughout the tournament, not just in the judging rooms.
- Behavior of coaches and parents can affect the team
 - Everyone should show gracious professionalism
 - Kids should do the work



Awards To Be Given



Champion's Awards

- Champion's Award
- 2nd Place Champion Award
- 3rd Place Champion Award

Core Values Awards

- Judges' Award for Excellence in Core Values
- Gracious Professionalism Award
- Teamwork Award
- Inspiration Award

Innovation Project Awards

- Judges' Award for Excellence in Project
- Presentation Award
- Innovative Solution Award
- Research Award

Robot Design Awards

- Judges' Award for Excellence in Robot Design
- Strategy and Innovation Award
- Programming Award
- Mechanical Design Award

Robot Performance Awards

- 1st Place Robot Performance Award
- 2nd Place Robot Performance Award
- 3rd Place Robot Performance Award

Rising Star Award

Team Spirit Award

Other Recognition

- Global Innovation Award Nominee from the Tesla Championship
- Robot Alliance 1st Place
- Robot Alliance 1st Place



Field Specifics



- 3” tall walls
- Home area is smooth (MDF)
- Mats are lined up in SE corner BUT may also be adjusted so that the red arrow under the bridges line up
- Mat will be taped down with .5” gaffers tape



Pre-match



- Inspection
- Set-up for Launch
- Organize Home area
- Visually check over the field

- At least 1 minute, but 1 minute minimum



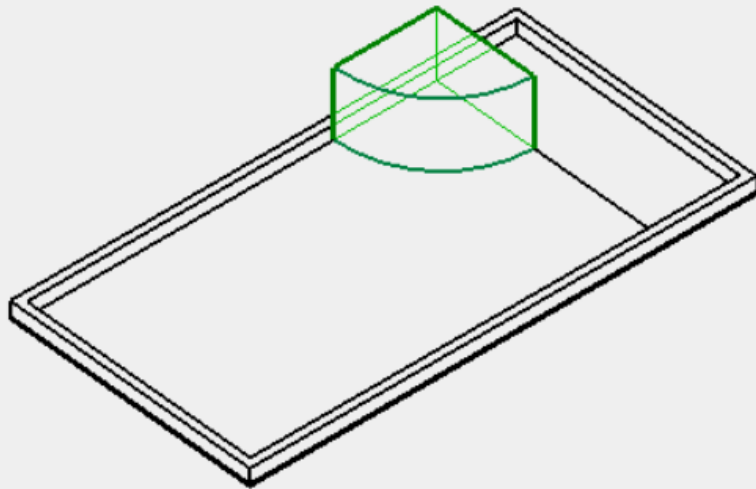
During the Match



- Tagging in
- Spare mission models
- Laptop, extra electronics
- Bluetooth
- Sleep timer

Home and Launch

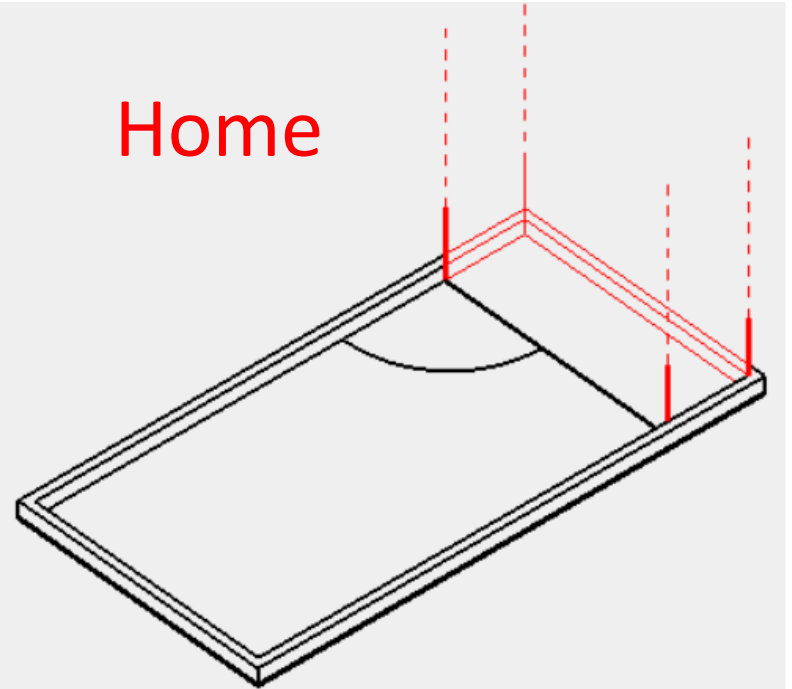
Launch



All mention of the “Launch Area”
means here and only here, especially
Rule 21

“Leave from here”

Home



All mention of the “Home”
means here and only here, especially
Rule 27

“Return to here”

Precision Tokens

RG07 - MIS-LAUNCH

If you Interrupt the Robot so soon after Launch that it hasn't yet reached a Launch Area perimeter line, you will need to re-Launch, but you will not lose a Precision Token. This is an exception to Rule 27.



Precision Tokens

27. INTERRUPTION PROCEDURE – If you **Interrupt** the Robot, stop it instantly, then calmly pick it up for the next Launch.

Where was the Robot Interrupted?

→ **Completely** in Home:

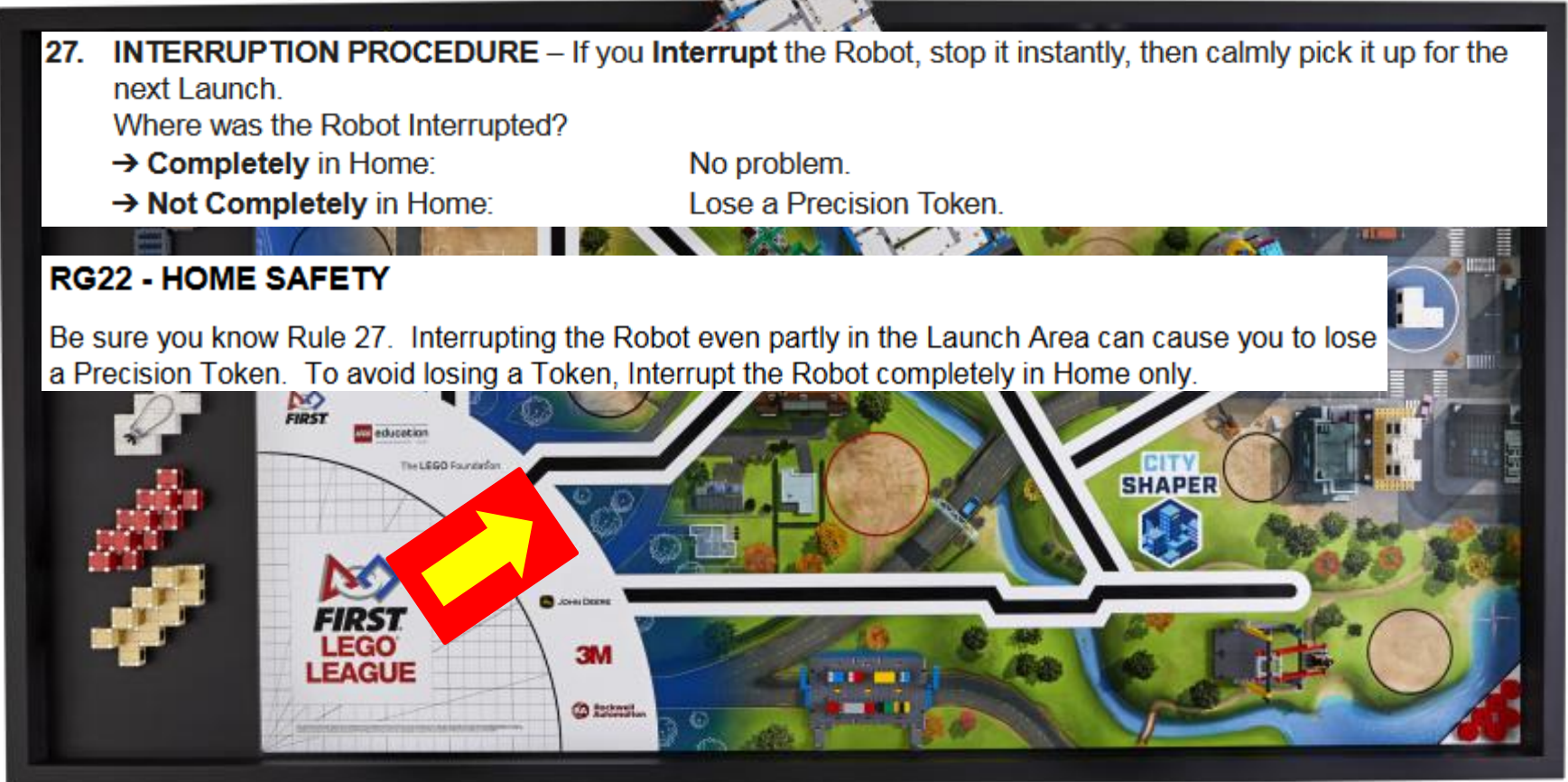
No problem.

→ **Not Completely** in Home:

Lose a Precision Token.

RG22 - HOME SAFETY

Be sure you know Rule 27. Interrupting the Robot even partly in the Launch Area can cause you to lose a Precision Token. To avoid losing a Token, Interrupt the Robot completely in Home only.



Precision Tokens



Precision Tokens



Precision Tokens



Precision Tokens



Precision Tokens





Mission Specifics



- M01- Bridge/flag interference
 - If YOUR team's robot undoes scoring without interaction with the OTHER team's robot, that changed scoring condition stands (eg, knocks over treehouse or pushes blocks out of a circle)
- M11- Innovative Architecture
 - M11 is equipment
 - M12/M13 stacks/upgrades must be independent



After the Match



- 2 students score
- Team should be involved with the scoring process
 - Ask questions
 - Score with the referee
 - Check the score sheet
 - “Save” the score sheet
- Once the score is saved, the score is final
 - No replays



Kid v Coach Involvement



- Kid responsibilities
 - Carry the robot
 - Set-up the robot
 - Run the robot
 - Make decisions before, during and after the match
- Coach/parent tasks
 - Cheer!