

Awards

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FIRST Senior Mentor, Nevada



2020 Changes

- Control Award – moved up
 - Inspire, Think, Connect, Innovate, Control, Motivate, Design
- Team Judging
 - 5 minutes for presentation only – optional
 - 5 minutes minimum for Q&A up to 10
- Regional Judge Advisor

2020 Changes, cont.

- Judging Feedback
 - Teams must submit a judging feedback form
 - Judges will add their feedback
 - JA send feedback to Lead coach/Mentor 1 after event
- Engineering Portfolio
 - 15 pages of teams most relevant work
 - Engineering notebooks kept at Team Pit

Three Types of Awards

- Judged Optional Awards
 - Compass
 - Promote
 - Judges
- Machine creativity and Innovation Awards
 - Innovate
 - Control
 - Design
- Team Attribute Awards
 - Connect
 - Motivate

Compass Award (Optional Video)

- Video Requirements
 - Must follow FIRST branding and design standards
 - 60 seconds or less
 - High quality
 - Copyright for music
 - List permissions in credits
 - Submitted by the deadline
 - Video highlights the mentor's contribution to the team and demonstrates what sets the mentor apart.

Promote Award (Optional Video)

Video Requirements

- Must meet branding and design standards
- 60 seconds or less
- High quality
- Copyright for music
- List permissions in credits
- Submitted by the deadline
- Strong production value
- Thoughtful and impactful video that appeals to public
- Creativity with theme

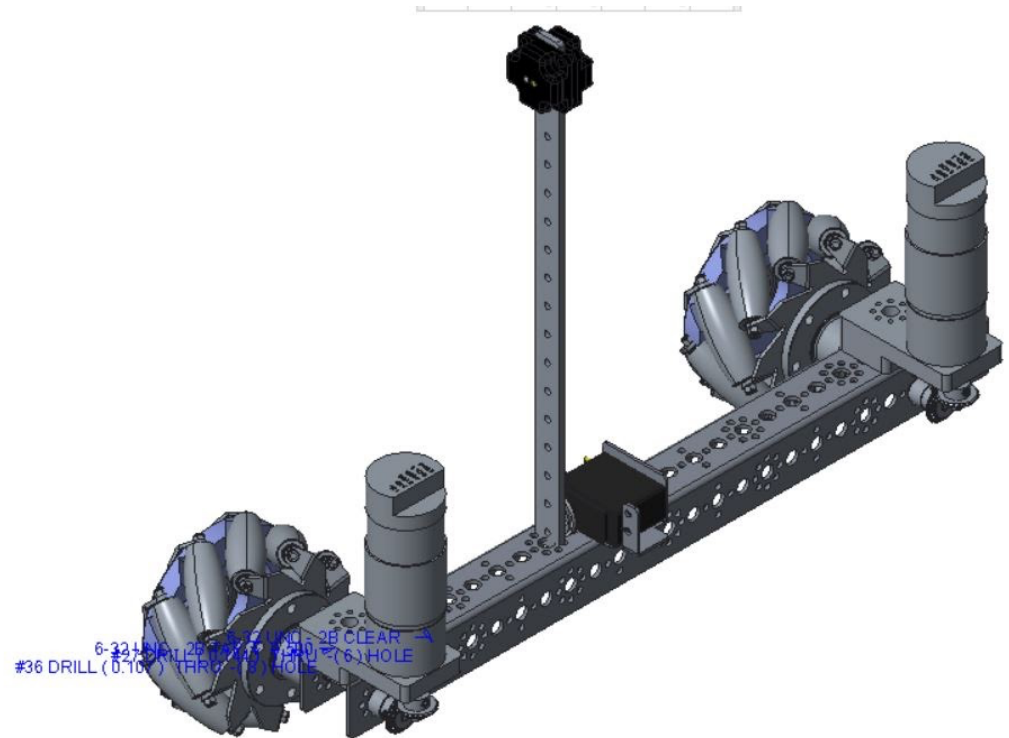
Judges Award (Optional)

- Might not be given
- Unique efforts, performance, dynamics merit recognition



Design Award (Robot)

- Requirements
- Gracious Professionalism
- Engineering Notebook
- Robot CAD images
- Detailed design drawings
- Design principles
- Aesthetic and functional design
- Basis for design well considered



Motivate Award (Community Outreach)

- Requirements
- Gracious Professionalism
- Engineering Notebook
- Ambassador for FIRST programs
- Successful recruitments
- Explain contribution of each team member



Control Award (Programming)

- Sponsored by ARM, Inc.
- Requirements
- Gracious Professionalism
- Control Award Submitted
- Engineering Notebook details
- Control components must enhance the functionality of the robot on the playing field
- Judges at competition looking at your field performance

****Please turn in this sheet during your Judge Interview along with your Engineering Notebook****

Team #	Team Name:
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Autonomous objectives:

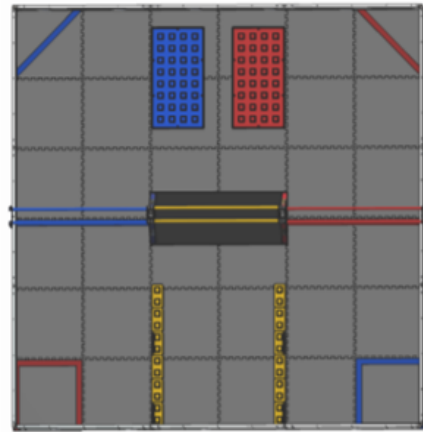
Sensors used:

Key algorithms:

Driver controlled enhancements:

Engineering notebook references:

Autonomous program diagrams:



Innovate (Robot)

- Sponsored by Collins Aerospace
- Requirements
- Gracious Professionalism
- Engineering Notebook
- Document design process
- How they arrived to their design
- Robot or robot sub-assembly must be creative, elegant and unique in its design.
- Creative component must be stable, robust, and work reliably.
- Robot design is effective and consistent with team plan and strategy.

Connect Award (Engineering Outreach)

- Requirements
- Gracious Professionalism
- Engineering Notebook
 - Team plan
 - Future goals – steps for goals
 - I.e. Fundraising, sustainability, timelines, outreaches, community service goals
- Shows clear connections with engineering, science, or technology community
- Actively engages with engineering community



Think Award (All)

- Requirements
- Gracious Professionalism
- Engineering notebook:
 - Science
 - Math
 - Game Strategies
 - Clear understanding design process – pictures, drawings
 - Documenting all stages
 - Show team's journey
 - Organized

Inspire Award (All)

- Requirements
- Gracious Professionalism
- Strong in all judged awards
- Ambassador for FIRST programs
- Positive and inclusive
- Each team member contributes
- Engineering Notebook
 - Engineering content
 - Team information
 - Team plan
- Robot design is creative and innovative
- Robot performs reliably on field
- Team presentation is professional and engaging



Advancement

1. Inspire Award Winner
2. Robot game winner
Alliance Captain
3. Inspire 2nd place
4. Robot game winner
1st Team selected
5. Inspire 3rd place
6. Robot game winner
2nd Team selected
7. Think Award Winner
8. Robot game 2nd Place
Alliance Captain
9. Connect Award Winner
10. Innovate Award Winner
11. Robot game 2nd place
2nd Team selected
12. Control Award Winner
13. Motivate Award Winner
14. Design Award Winner
15. Robot Game
Next Highest Ranked Team
16. Think 2nd Place
17. Robot Game
Next Highest Ranked Team
18. Connect 2nd Place
19. Robot Game
Next Highest Ranked Team
20. Innovate 2nd place

Credits

- This lesson was written by Patti Poston
- You can contact the author at: pposton@firstinspires.org
- More lessons for FIRST Tech Challenge are available at www.FTCTutorials.com
- Image Credit: 6024 Enterprisers, 5326 Enterprisers, 11574 Sonic Screwdrivers



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