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# FTC Outreach, Judging, and Awards

FRC Team 503

Frog Force



# Fundraising

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- Schools
- Grants
  - Information can be found on [firstinmichigan.org](http://firstinmichigan.org)
  - Make sure you're receiving emails from the FiM eblasts; they have updated information
- Fundraising Activities
  - Tell the community what you do
  - Can/bottle drives
- Parents' Employers
- Local Businesses
  - Local restaurants
  - Parts/Materials

# Outreach

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- Robot demos
  - Tell the community what you do
- Inspire younger/newer students
- Spread the word of FIRST

# Examples of Outreach

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- Schools
- Science Fairs
- Community Service
  - Senior Citizen Homes
  - Soup Kitchen
- Possibly mentor younger teams
- Visit engineering companies to learn about real-world engineering
- Basically anywhere there are kids to inspire into joining FIRST

# Engineering Notebook

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- It's not all about the robots!!
- The majority awards are based on the notebook
- The notebook is a documentation of your ENTIRE SEASON.
- Includes
  - Business Plan (technically not required, but required for certain awards)
  - Outreach/Fundraising reflections
  - Robot sketches, possible designs(at the beginning of the season)
  - Things that went wrong(and how you fixed it)
  - Things that went well
  - Daily Entries
- DO NOT PUT OFF THE ENGINEERING BOOK UNTIL THE END YOU WON'T BE ABLE TO FINISH

See [www.firstinspires.org/resource-library/ftc/team-management-resources](http://www.firstinspires.org/resource-library/ftc/team-management-resources) to see examples of award winning EN's.

# Engineering Notebook Cont.

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- Can organize Daily Entries with tasks, reflections, and to-do list
- Make sure to read the guidelines for the engineering Notebook - there are a lot of specific requirements that must be read before creating the notebook
- Make sure the entire team contributes - judges won't be impressed if it's the same couple of people writing over and over again
- Have a 10 minute wrap-up session to discuss what was done in the meeting-this should give whoever is writing that meeting's Daily Entry sufficient info to finish it
- "Judges say you should be able to rebuild your robot just by looking at your notebook."
- Don't be afraid to scratch out words when you mess up or put failed designs in-judges want to see that your notebook is truly a documentation, they don't expect it to be super pretty

# Judging

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- Roughly 10 minute period to present about team + robot
  - Leave at least two minutes for questions
  - Actual presentation should be around 8 minutes
- Should be a rehearsed presentation
- Make sure **every team member** speaks, even in Q&A
- Demonstrate to the judges that you(the student) did all the work and know tons about the robot
- Make sure there is a team member in the pits at all times in case judges stop by
- Have handouts in the pits for the judges to take back
- Have a trifold display of important aspects of your team on your pit table, which you will also bring into judging
- “Sister teams” - differentiate yourselves
- Try to be unique and interesting/exciting-the judges are listening to a lot of presentations so make yours memorable

# Awards

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- Make sure you read the judging criteria!
- If you're targeting a certain award, make sure that's in your presentation
- The team that “truly embodies the challenge of the FTC program” and is an “inspiration to other teams” is awarded the **Inspire Award**. This team shows Gracious Professionalism both on and off the field. This award is like a Golden Ticket to the next stage of the competition.
- **Rockwell Collins Innovate Award**: Given to the team with the most innovative and creative robot design
- **PTC Design Award**: Presented to the team that incorporates industrialized design elements into their solution
- **Connect Award**: Given to the team that most connects to their STEM community
- **Motivate Award**: Celebrates the team that exemplifies the essence of the FTC competition through team building, spirit, and enthusiasm



# Awards Cont.

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- **Think Award:** Given to the team that best reflects the journey the team took as they experienced the Engineering design process during the build season (Engineering Notebook)
- **Control Award:** celebrates the team that demonstrates innovative thinking in the control system to solve the game's challenges (advanced electrical(sensors)/programming)
- There are also more awards that are optional at certain competitions, and you can read more about them on the FIRST website

# Advancement Criteria

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1. Inspire Award Winner
2. Winning Alliance Captain
3. Inspire Award 2nd place
4. Winning Alliance, 1st Team selected
5. Inspire Award 3rd place
6. Winning Alliance, 2nd Team selected
7. Think Award Winner
8. Finalist Alliance Captain
9. Connect Award Winner
10. Finalist Alliance, 1st Team selected
11. Rockwell Collins Innovate Award Winner
12. Finalist Alliance, 2nd Team selected
13. PTC Design Award Winner
14. Motivate Award Winner
15. Control Award Winner
16. Highest Ranked Team\*\* not previously advanced, from the Winning Division.
17. Think Award 2nd Place
18. Highest Ranked Team\*\* not previously advanced, from the Finalist Division.
19. Connect Award 2nd Place
20. Highest Ranked Team\*\* not previously advanced, from the Winning Division.
21. Rockwell Collins Innovate Award 2nd Place
22. Highest Ranked Team\*\* not previously advanced, from the Finalist Division.
23. PTC Design Award 2nd Place
24. Highest Ranked Team\*\* not previously advanced, from the Winning Division.
25. Motivate Award Winner 2nd Place
26. Highest Ranked Team\*\* not previously advanced, from the Finalist Division.