

FTC Awards

The Bionic Tigers - FTC 10464



Control Award (Programming)

- Definition: mastering robot intelligence
- To win this award, a separate submission is required
- Judges look at the team's engineering notebook for documentation of the implementation of software, sensors, and mechanical control
- Judges look for a team that utilizes software and sensors to increase the robot's functionality on the field
- There are judges at competition looking at your field performance

Motivate Award (Outreach)

- Definition: sparking others to embrace the culture of FIRST
- Examples:
 - Community Outreach
 - FLL Mentoring
 - Showcasing robot to public

Connect Award (Outreach)

- Definition: connecting the dots between community, FIRST, and the diversity of the engineering world
- Connecting with professionals
- Working with companies to fabricate parts for your robot
 - touring companies
 - learning from professionals about SCRUM or common idea or materials
- Connecting with the community
- any public in community event
- Connecting with FIRST
- Volunteering at FLL competitions
- Hosting Scrimmages

Design Award (Robot)

- Definition: industrial design at its best
- Judges look for design and aesthetic of robot
- Not just practical function
- Design section of engineering robot is considered
- How well thought out is your design?
- What industrial features and concepts do you incorporate in your design?

Rockwell Collins Innovate (Robot)

- Definition: bringing great ideas from concept to reality
- Judges look for innovative features on a team's robot that show creative ways of solving game challenges
- Can address one part or the whole design
- What are you most proud of on your robot?

Think Award (All)

- Definition: removing engineering obstacles through creative thinking
- Engineering Notebook award
- Judges the journey of the team and growth
- Judges look at design and build sections for progress
- Documentation is pivotal

Inspire Award (All)

- Overarching award
- Embodies all aspects of FIRST
- Team who displays all of the award criteria
- Team ranks high in all judged award categories

Judges Award

- A team that does not fit into any of the award criteria but the judges feel should be recognized
- Often given to rookie teams
- Does not advance teams

Promote Award (optional video)

- Each year, FIRST gives teams a question or concept regarding FIRST to answer
- Video submission
- Does not advance teams in competitions
- Example prompt: If every student participated in FIRST, the world would be...

Compass Award (optional video)

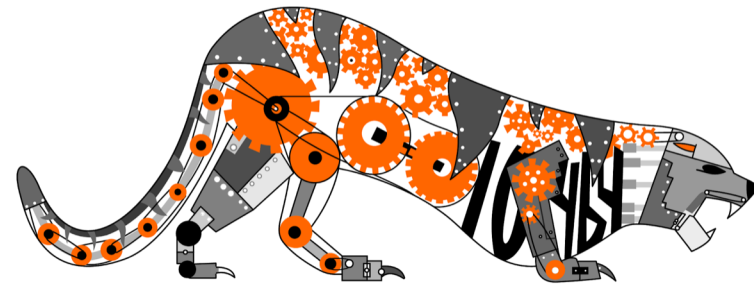
- Video submission by teams describing why their mentor deserves to be recognized by FIRST
- Not a judged award for competition (cannot advance teams)
- A good way to thank mentors

Advancement Order for Awards

1. Inspire Award
2. Think Award
3. Connect Award
4. Rockwell Collins Innovate Award
5. Design Award
6. Motivate Award
7. Control Award

Credits

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