



2018 Awards and Judging Logistics

Music City BEST

Section 1 Additional Awards

In addition to the Standard Required Hub Level Awards outlined in the BEST Competition Rules document, the following awards will be given at the Music City BEST competition:

- Most Photogenic Machine
- Best Team Web Page Design
- Best Tee Shirt Design
- Best Team Costume
- Best Team Mascot
- Teacher of the Year
- Mentor of the Year
- Best Middle School Team
- Best Rookie Team
- Best Home School Team
- Exhibit Design & Construction
- Blood, Sweat, & Duct Tape Award
- Lipscomb University Award for Robotic Engineering Excellence
- Rube Goldberg Award for Meritorious Achievement in Design Complexity
- Software Design Award
- TVA Safety Award

Section 2 Team Demographics Information

The required Team Demographics information must be submitted to the hub before the Robot Compliance Check will be considered complete. Teams that do not complete Robot Compliance Check are subject to disqualification. The team will submit the Team Demographics information on the musiccitybest.org website - <https://cps-vo.org/group/MCBEST/demographics>. If the team is unable to fill out the form online, bring the completed form to the game day Robot Compliance Check on October 20.

Section 3 BEST Award Logistics

3.1 Hub vs. Championship Judging

Because hubs operate with a variety of resources, specific requirements of the BEST Award will vary between hubs. This document contains specific requirements set forth by your local hub for the BEST Award competition. Should your team advance to the Regional Championship and participate in the BEST Award, be aware that there may be some differences in notebook, marketing presentation, team exhibit, and interview procedures and guidelines, as well as some other optional/additional awards.

The BEST Award will be judged using the following scenario:

Judged Components	Point Value
Engineering Notebook	30 points
Marketing Presentation	25 points
Team Exhibit and Interviews	20 points
Spirit and Sportsmanship	10 points
Robot Performance	15 points

Total 100 points

3.2 Engineering Notebook (30 points)

- The Engineering Notebook should be received by Tuesday, October 16, 2018 by 4:00 pm. The Engineering Notebook must be a PDF file uploaded to the Music City BEST website Notebook Submission (<https://cps-vo.org/group/MCBEST/notebook-submit>) with the following file name format: ###-<School or Team Name> Notebook.pdf. For example, the file name for the notebook from Lipscomb Academy would be: 121-Lipscomb Academy Notebook.pdf.

3.3 Marketing Presentation (25 points)

- Each BEST Award team will sign up for a presentation time slot. The available time slots will be Friday evening, October 19, and during competition day, Saturday, October 20. Teams will be given an opportunity to provide their first, second, and third choices for time slots which will then be assigned based on these requests. Details and room locations will be provided closer to the competition day.

3.3.1 Equipment Guidelines

- At the time of the presentation, a Microsoft Windows based computer with Power Point projection capability and a projector and screen will be available. Please bring your presentation on a flash drive or portable drive. While these computers typically have internet access, we cannot guarantee it will be working when your team is presenting. The team must provide any additional equipment it wishes to use. It is recommended that teams bring paper copies of their presentation slides to use in the event their presentation file does not load or display. The paper copies can then be handed out to the judges, and the presentation can continue.

3.3.2 Time Breakdown

- Each team must check in at least 20 minutes prior the scheduled presentation. Details will be provided closer to competition day.
- The order and breakdown for the 25-minute presentation time period is as follows:
 - 5 minutes: Set-up
 - 12 minutes: Presentation
 - 5 minutes: Q&A with judges
 - 3 minutes: Break-down and clear room
- At least five minutes will be scheduled between presentation sessions to allow judges time to confer without the team present.

3.4 Team Exhibit and Interviews (20 points)

- Exhibits can be set up from Friday evening, October 19, from 5:30 pm until 11:00 pm and on Saturday morning, October 20, from 6:00 am until 9:00 am. Each team will receive a schedule for when the judges will visit the team exhibit. The judges want to talk only with student members of the team. Points will be deducted from the score sheet if any adult mentors or teachers participate in the exhibit interviews with the judges.
- Each team will be provided with a standard six-foot long table (approximately 29 inches wide) upon request to be used as part of the team exhibit.
- Maximum allowed floor space for table displays will be 8' X 8'
- Maximum allowed height for table displays will be 8'
- Exhibits should be manned by student representatives throughout Game Day
- Teams will be visited by up to four different judges during their scheduled interviews.

3.5 Spirit and Sportsmanship (10 Points)

- Teams are encouraged to bring cheerleaders, bands, signs, banners, etc. for showing spirit.
- Judges will be roaming throughout the day; you probably will not know who they are.
- In recent years, the noise volume in the arena has become dangerously high and harmful to the hearing. The judges have felt the noise is being made simply for noise sake and is not associated with cheering and support for the competition. Many people have complained that the whistles and loud banging distract from the competition and do not promote team spirit. The judges are NOT giving points based on volume. Instead, they are judging based on the quality of the noise and how well it demonstrates team spirit.
- Yelling, clapping, coordinated cheers, and commercially recognized musical instruments are highly encouraged. Air powered horns and other powered noise makers, vuvuzelas and other similar noise makers, and whistles will not be allowed during the competition. Audio in the team exhibits must a reasonable level.
- Any noise, at the discretion of the Hub Director, which distracts from the competition will not be allowed.

Section 4 Applying for the Simulink Design Award

To apply for the award, teams are required to submit their Simulink model and a link to a short video describing their program design using Simulink. Teams will submit their entries by completing a form at the following location:

http://www.bestinc.org/simulink_award/form.php

PASSCODE = Recycl3m3

The entries must be submitted before 11 PM (local time) November 25, 2017 for all regions.

Information that teams need to provide when submitting their entry:

- Name of School
- BEST Hub (know which hub you belong to)
- Team Contact
- Team Contact Email Address (*important: all entries are tied to this email address*)
- # Students on the Team
- Simulink Model File (.slx file)
- Link to YouTube Video (3 min. maximum)
- Brief Description (256 chars) of how the team used Simulink to program their robot