



2017 Awards and Judging Logistics Plan

Rocky Mountain 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 Rocky Mountain BEST competition:

- Craftsmanship Award – awarded to the team whose robot exhibits the best workmanship, appearance, fit and finish.
- Best Rookie Team – awarded to the Rookie Team with combined highest score on the Engineering Notebook and in the head-to-head robot competition.
- Engineering Notebook – recognition to the team with the highest notebook score that is a non-BEST Award competitor.
- Sportsmanship Award – awarded to the team displaying the best attributes of sportsmanship and enthusiasm during the competition. This award is selected by vote of the participating teams.

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:

1. Within a week after Kickoff, the team's Eventbrite teacher or mentor will receive an email via Dropbox with an invitation to share their school's Dropbox folder. Access to this folder is established with edit access by the team's Eventbrite teacher or mentor and the Rocky Mountain BEST Awards and Judging Leads.
2. Each team's Dropbox will contain a blank 2017_Demographics_sheet.xls spreadsheet with School Name replacing the "sheet" in the file title.
3. The Teacher or Mentor will download this file and click the "Enable Content" at the top of the spreadsheet (PC) or open the file and keep the macros (Mac). The teacher or mentor then enters the required school, student, school robotics program, student STEM interest, and software use information.
4. The spreadsheet automatically error checks the student count information (grade, race, gender) to ensure it is consistent across entries. If student information is entered that is inconsistent, error cells to the right of the form are filled with yellow until the information is made consistent.
5. The team's completed demographics xls file must be uploaded to the Team's Dropbox Folder by 9:00am on Practice Day, October 14, 2017.
6. In addition to #5 above, the team's teacher or mentor must bring a hardcopy of the completed EXCEL file to robot compliance on Practice Day, October 14, 2017 – a week before Game Day.
7. The team's access will be changed from "Can edit" to "Can View" on October 14, 2017.

8. Contact Lisa Luciano at Lisa.Luciano@bestinc.org if you have questions, want team access changes, or need to make other arrangements for submittal.

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
<i>Total 100 points</i>	

3.2 Engineering Notebook (30 points)

- See Section 2 item 1 for more information about Team’s Dropbox Folder.
- The Engineering Notebook pdf file must be uploaded to the Team Dropbox Folder by 9:00am Practice Day, October 14, 2017 – a week before Game Day.
- Contact Linda King at Linda.King@bestinc.org if you have questions or to make other arrangements for submittal.

3.3 Marketing Presentation (25 points)

- The Rocky Mountain BEST Marketing Presentations will be held on Practice Day, Saturday, October 14, 2017, at Englewood High School (3800 S. Logan St., Englewood, CO 80113).
- Starting September 11, 2017 at noon, each BEST Award team must sign up for a Marketing Presentation time slot on Signup.com at <http://signup.com/go/OSWpxSp>. Last day to select your Marketing Presentation time slot from remaining slots is **Friday, September 22, 2017**.
- The time slots are every 30 minutes with a break from 11:00am – 12:00noon for the judges to go to lunch. The available time slots begin at 8:00am with the last time slot at 4:00pm.
- Marketing Presentation Time Breakdown:
 - The times for the marketing presentations may be modified depending on the number of participating BEST Award teams.

- There will be a Marketing Presentation check-in station at Englewood High School.
- Teams should check in 15 minutes prior to their time slot.
- At least five minutes will be scheduled between presentation sessions to allow judges time to confer without the team present.

3.3.1 Equipment Guidelines

- The room for the presentation is equipped with a projector and projector screen. A PC computer will be available. Teams may bring their own laptop if desired and should also bring a thumb drive with the team's presentation (pdf and PowerPoint) formats are recommended). Teams must bring any additional equipment they would like to use. Failure to voice equipment needs may result in a team not having the necessary equipment for its presentation.
- Direct questions about equipment and facilities to Professor David Klein, Marketing Presentation Lead Judge, at kleind@msudenver.edu or 303-615-0695

Team Exhibit and Interviews (20 points)

- Starting September 11, 2017 at noon, each BEST Award team must sign up for an Exhibit and Interviews time slot on Signup.com at <http://signup.com/go/BKHxWGr>. Last day to select your Exhibit and Interviews time slot from remaining slots is **Friday, September 29, 2017**.
- The times for the Exhibits and Interviews may be modified depending on the number of participating BEST Award teams.
- Each team will be provided with two six-foot long tables (approximately 20 inches wide).
- Maximum allowed floor space for table displays will be 8' x 8'.
- Maximum allowed height for table displays will be 8'.
- Setup options:
 - If the Auraria Event Center lobby is available Friday evening October 20, 2017, Exhibits may be set up between 7:00pm and 8:30pm. Please contact Lisa Luciano Lisa.Luciano@bestinc.org prior to October 14, 2017 if you wish to use this option.
 - On Saturday Game Day, October 21, 2017, exhibits may be setup in the Auraria Event Center lobby between 7:00am – 9:00am.
- The exhibit should be manned by student representatives between 9:00am and 2:00pm on Game Day, especially during the 30-minute pre-arranged Interview schedule.
- Teams should expect to be interviewed by up to four different judges during their interview period.
- Each team is responsible for breakdown of its team materials and clean-up of its exhibit area after 2pm.

3.4 Spirit and Sportsmanship (10 Points)

- The following noise-makers will not be allowed during the competition:
 - Powered instruments
 - Sirens

- Air horns

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

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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