

Team Exhibits & Interviews

Bison BEST Robotics
Kick Off Session
2015

BEST



BEST Program



The competition is comprised of two segments

- o Robotics Competition
- o The BEST Award (optional)

Note: The Project Engineering Notebook is required along
with the robot for the robot competition

Breakdown of BEST Award

All teams are eligible for the BEST Award

Judging is based on five criteria (100 points possible)

- Project Engineering Notebook (30 points)
- Marketing Presentation (25 points)
- **Team Exhibit and Interviews (20 points)**
- Spirit and Sportsmanship (10 points)
- Robot Performance (15 points)

Purpose

The purpose of the Team Exhibit & Interview is to creatively communicate an understanding of the game theme and to demonstrate how the team has promoted BEST in the school and community.

Purpose

Communicate through an exhibit & through discussion with judges information about the team's efforts

- Communicate an understanding of the game theme
- Show how you strategically built your robot to be able to accomplish certain tasks

Demonstrate how the team has promoted BEST within the schools & within the community

- Share information and/or technology resources
- Marketing efforts
- Recruiting and mentoring other schools

Guidelines

- DO NOT exceed the space allocated by the hub! (10 pts!)
- Teams are encouraged to avoid using expensive store-bought display boards and structures, but instead opt for more creative and hand-made display props
- Any audio-visual equipment and extra extension cords will be the team's responsibility
- A single electrical outlet will be provided to each exhibit
 - If a team requires additional outlets, the team must supply their own power strip. It is recommended that each team bring at least one extension cord to ensure power to reach their exhibit.

Guidelines

- Each team is responsible for the security of its own material
- Each team is also responsible for breakdown of its team materials and the clean-up of its display area
- You cannot give out candy, food or drinks as a complimentary handout
- There should be no texting, iPods, Gameboys, etc. in judging area as you should be active in your exhibit and try to bring people into your exhibit

Guidelines

- All material should be clearly marked with appropriate identification and contact information
- During the interview, you should be able to answer any questions on the robot design and construction, marketing efforts, promotion of BEST, mentor involvement, etc.
- Bison BEST teams will be visited by at least 2 different sets of judges

Important Information

- Set-up is from
 - Bison BEST - 10:00 AM to 12:00 PM on Friday, October 30th
- Judging is from
 - Bison BEST – 1:00 PM – 5:00 PM on Friday, October 30th
- The exhibit should have a student present at ALL times during judging period!
- Each team will be provided a standard 8 foot table (approximately 30 inches wide)
- Tables will NOT have a cloth or a skirt
- Maximum allowed floor space is 8' x 8'
- Maximum allowed height is 8'

Scoring Information

Sharing information and/or technology resources, and mentoring other schools, including other BEST teams		
15	Clear evidence of support to other schools with information, technology or encouragement in BEST	Possible Points 15
14-11	Significant display of photos and papers demonstrating support to other BEST programs.	Points Awarded
10-8	Some evidence of support to other schools or robotics programs.	
7-5	Minimal physical evidence of support or mentoring others, but discuss their impact.	
4-1	Mention of what other schools did to provide assistance.	
0	Nothing provided to meet this standard.	
<i>Comments:</i>		Possible Points 15
Presentations & robot demonstrations to other schools & community groups		
15	Clearly displays and discusses presentations and demos given to other schools AND community.	
14-11	Clearly displays and discusses presentations and demos given to other schools OR community members.	
10-8	Only displays evidence of presentations and demos to other schools AND community members.	
7-5	Only displays evidence of presentations and demos to other schools OR community members.	
4-1	Discusses a presentation or demo they did to talk about their robot.	
0	Nothing provided to meet this standard.	
<i>Comments:</i>		Possible Points 15
Publicity (print materials, media/press) generated within the school and within the community about BEST		
15	Clearly shows and discusses how many media platforms were used to generate excitement with BEST in the school AND community.	
14-11	Clearly shows and discusses how many media platforms were used to generate excitement with BEST in the school OR community.	
10-8	Evidence is displayed and discussed regarding press they received from BEST.	
7-5	Material is printed, but not clearly presented.	
4-1	Lacking evidence of standard, but discussed during interview.	
0	Nothing provided to meet this standard.	
<i>Comments:</i>		Possible Points 15

Scoring Information

Fund raising and/or sponsorship efforts (strategies used to recruit sponsors, team fundraisers, description of how funds were allocated to support team, team budget information available for review)

15	Presents and demonstrates strong evidence of effectively executing all 4 efforts in this category.
14-11	Presents and demonstrates evidence of all 4 efforts in this category.
10-8	Presents and demonstrates evidence of 3 efforts in this category.
7-5	Presents and demonstrates evidence of 2 efforts in this category.
4-1	Presents and demonstrates evidence of 1 efforts in this category.
0	Nothing provided to meet this standard.

Comments:

Possible Points 15	Points Awarded
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Use of technology, display models or boards, or multi-media at exhibit in promotion of BEST

20	Prominent representation of BEST as an organization throughout exhibit.
19-14	Some representation of BEST as an organization is presented throughout exhibit with multiple uses.
13-7	The BEST Logo is in multiple places throughout exhibit and promoted in interview.
6-1	The BEST logo appears at least once in exhibit.
0	Nothing provided to meet this standard.

Comments:

Possible Points 20	Points Awarded
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Creativity in incorporating game theme into design and presentation of this exhibit		
40	Display is extremely creative and original, game theme is very prominent.	Possible Points 40
39-25	Display is original and creative, game them is visible. Interpretation of game them is incorporated into design and presentation of this exhibit.	Points Awarded
24-13	Display is somewhat creative, game them is seen in places.	
13-1	Display is ordinary, game theme hardly mentioned.	
<i>Comments:</i>		Possible Points 40
Compliance with specifications (did not exceed space allocation)		
10	Display fits within an 8'X8'X8' cube, area is neat, only 1 or 2 electric devices plugged in.	Possible Points 10
5	Display exceeds one boundary or area is messy or many devices are plugged in.	Points Awarded
0	Display violates multiple specifications.	
<i>Comments:</i>		Possible Points 10
Evidence of students' learning experience, and understanding of the game		
20	Clearly articulate lessons learned through experience, very evident they understand the game theme.	Possible Points 20
19-3	Thoughtfully discuss lessons learned through experience, seem to understand the game theme.	Points Awarded
12-7	Mention of learning experience, minimal knowledge of game theme.	
6-1	Lacking learning experience OR knowledge of game theme.	
0	No learning or game knowledge evident.	
<i>Comments:</i>		Possible Points 20
Evidence of students' enthusiasm about their experience in BEST		
10	Obvious enthusiasm and positivity about their experience in BEST, and clear understanding of the organization's mission.	Possible Points 10
9-5	Display some enthusiasm and positivity regarding their experience in BEST, and knowledge of the organization's mission.	Points Awarded
4-1	Attitudes are neutral about their experience and toward BEST.	
0	Attitudes are negative about their experience and the BEST mission.	
<i>Comments:</i>		Possible Points 10
Evidence this team's recruitment efforts include multiple grade levels and students from a cross-section of the school population		
10	Clearly identify specific efforts to promote grade and other types of diversity.	Possible Points 10
9-5	Some diversity effort is mentioned, and there is evidence that it occurred.	Points Awarded
4-1	Diversity is not mentioned, but it appears that it occurred.	
0	Nothing provided to meet this standard.	
<i>Comments:</i>		Possible Points 10
Evidence that the students were the primary designers and builders of robot, team exhibit, and all materials		
30	Students quickly and thoroughly answer technical questions about the robot, team exhibit, as well as related materials; show a deep understanding of the design and construction of robot and exhibit; adult contributions are mentioned purely in an advisory capacity.	Possible Points 30
29-20	Students are able to answer technical questions about the robot, team exhibit, as well as related materials; show a good understanding of the design and construction of robot and exhibit; adult contributions are minimal and only based on necessity.	Points Awarded
19-10	Students hesitate to answer technical questions about the robot, team exhibit, and related materials; they demonstrate understanding of the design and construction of robot and exhibit; however, defer to adults in a more significant capacity.	
9-1	Students show little understanding when answering questions about the robot, team exhibit, and related materials; adults are mentioned a lot in the answer.	
<i>Comments:</i>		Possible Points 30

Sample Topics

- Demographics – How many students are on the team? What grade levels are represented? How many are returners?
- Location – Where is your school? How long did it take to travel here?
- Roles – What were some different roles people had on your team?
- Talk about the exhibit – Why did you choose to include these different items in the display?
- Construction of the robot – What equipment did you use? Were you familiar with this type of equipment?
- Strategy – What is your strategy to score points? How did you develop this strategy? How did you build your robot so it could do these tasks?

Sample Topics

- Publicity – How did you promote BEST and your team in your school and community?
- Mentoring – How many schools did your team mentor? Who were they? How did you help them? Where they new schools or returning schools?
- Knowledge – What have you learned from your experience on this team? Has it influenced you positively or negatively in regard to engineering and science?
- Sportsmanship – Which schools have demonstrated good sportsmanship toward your team or others? How?
- Experience - What have you enjoyed most and least?
- Safety - Did your team have any safety training?

Examples of Team Exhibits



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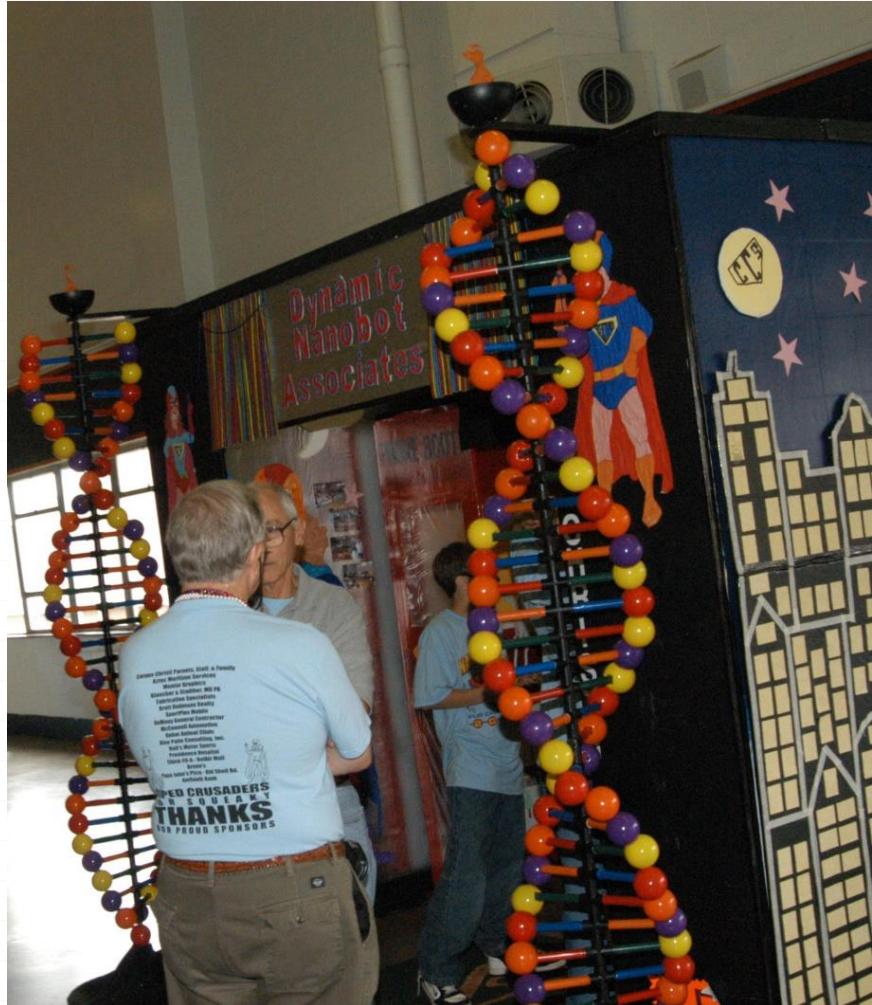
Examples of Team Exhibits



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Examples of Team Exhibits



Questions?

