

Global Robotics Art Festival (GRAF) Judging Rubric

Team Name:

Team ID:

Division (circle one): Jr. Sr.

Judge Name:

Brief project description:

(*) Judging Score

5: Strongly agree - excellent, advanced, exemplary, or amazing

4: Agree - good, accomplished, or proficient

3: Neutral - average, intermediate level, or acceptable

2: Somewhat disagree - attempted but needs work

1: Disagree - little attempted or needs lots of help

1 ~ 5

Judging Category	Sub Categories	Weight	Score*
1. Artistic concepts / aspects	Students applied art concepts and/or aspects to the robotics project	10%	
2. Project creativity & innovation	The project idea was wow and unique. The project was artistically creative.	9%	
	Students integrated art in an innovative way.	8%	
3. Interactions	The robot(s) interacted with other robots, humans, and/or environment.	8%	
4. Project demo performance (robot)	The official public robot demonstration was free from problems, and <i>artistically</i> impressive.	10%	
5. Project presentation (humans)	Project presentation was clear, well organized, and delivered effectively. Student attitude toward spectators was courteous. Students reacted professionally when the robot did not perform as expected.	8%	
	The team has evidences of promoting their project to the public. (For example, posters, brochures, blogging site, and/or online video)	3%	
6. Math & Science learning	This project applies some concepts of math and science and Students have knowledge on the math and science concepts they applied.	8%	
7. Team work	Specific member roles were clearly introduced. Work division is done well and balanced. Each team member seems to know as much as the other team member. Teamwork and team spirit was evident. Shows respect to other teams. Good citizenship.	8%	
8. Robot design	I inspected and tested the robot. The robot mechanical design was creative, user-friendly, and sturdy. (If the whole robot hardware was made by others, give score of 1)	7%	
	The project is complex (not simple).	3%	
9. Programming	I asked students who were involved in programming to explain a part of the programming code. They totally understood the code and seemed like they wrote the program. The code is well organized and commented.	8%	
10. Team independence	I believe the whole project (hardware and software) was done by students, not by adult coaches, parents, mentors, or other professionals.	10%	

last updated 11/14/13

100%