

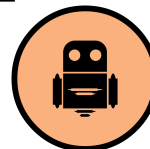
Name \_\_\_\_\_

Site \_\_\_\_\_

Name \_\_\_\_\_

## Robotics and Computer Science

AVUHSD STEM Expo  
Judging Evaluation Form



### General Requirements Evaluation\*

Presentation Display		Log Notebook	
Attractive, easy to read, and layout is in appropriate logical order	ND 1 – 2 – 3 – 4 – 5	Format: Log notebook is made of sturdy materials, numbered pages, and all entries dated and written legibly in ink.	ND 1 – 2 – 3 – 4 – 5
Shows project in appropriate detail for understanding by audience	ND 1 – 2 – 3 – 4 – 5	Evidence of Planning: background research, show process of development, description of problems, solutions, research notes, data tables and analysis of data.	ND 1 – 2 – 3 – 4 – 5
Student Presentation			
Professionalism / Delivery	ND 1 – 2 – 3 – 4 – 5		
Content Knowledge / Organization	ND 1 – 2 – 3 – 4 – 5		

### Robotics and Computer Science Category Evaluation\*\*

Display and Documentation		Other Considerations specific to this category	
The entered robot or software is complete and operational.	ND 1 – 2 – 3 – 4 – 5	Methods of handling errors or alternative operating parameters (power, environment, etc.) are included in design considerations.	ND 1 – 2 – 3 – 4 – 5
The function and purpose of the entry is clearly explained.	ND 1 – 2 – 3 – 4 – 5	Entry relates to real-world applications	ND 1 – 2 – 3 – 4 – 5
Any sub-components are described and clarified completely.	ND 1 – 2 – 3 – 4 – 5	Entry and/or associated purpose is original or innovative	ND 1 – 2 – 3 – 4 – 5
The means of operation of the robot or software is explained to an appropriate level for the intended audience.	ND 1 – 2 – 3 – 4 – 5	Operation is repeatable and consistent with the planned function	ND 1 – 2 – 3 – 4 – 5
Design information and/or software source code (if provided) is documented and explained adequately.	ND 1 – 2 – 3 – 4 – 5	Overall design is efficient with extraneous components only for aesthetic reasons	ND 1 – 2 – 3 – 4 – 5
Physical interface design and functionality		Entry shows completeness of thought and cause and effect are clearly explained.	ND 1 – 2 – 3 – 4 – 5
Physical or interface construction is appropriate and elegant	ND 1 – 2 – 3 – 4 – 5	Additional Notes and Comments on back	
Operational methods are complete and appropriate for the stated purpose	ND 1 – 2 – 3 – 4 – 5		

### Additional Items for Consideration

Safety Considerations	
Team/External Considerations	
Artistry	

ND: Not Demonstrated, 1: Beginning, 2: Developing, 3: Average, 4: Accomplished, 5: Advanced  
 (\*See General Entry Rules and Requirements for further information, \*\* See Category Description for further information)