

## Educational Engagement Activity Report

Please complete and submit this form each time you host an educational engagement event.

(Return within 2 weeks of the event end date)

School/Organization name: University of Alabama, Huntsville – Charger Rocket Works

Date(s) of event: 3/04/2017

Location of event: University of Alabama, Huntsville

### Instructions for participant count

*Education/Direct Interactions: A count of participants in instructional, hands-on activities where participants engage in learning a STEM topic by actively participating in an activity. This includes instructor- led facilitation around an activity regardless of media (e.g. DLN, face-to-face, downlink.etc.). Example: Students learn about Newton’s Laws through building and flying a rocket. **This type of interaction will count towards your requirement for the project.***

*Education/Indirect Interactions: A count of participants engaged in learning a STEM topic through instructor-led facilitation or presentation. Example: Students learn about Newton’s Laws through a PowerPoint presentation.*

*Outreach/Direct Interaction: A count of participants who do not necessarily learn a STEM topic, but are able to get a hands-on look at STEM hardware. For example, team does a presentation to students about their Student Launch project, brings their rocket and components to the event, and flies a rocket at the end of the presentation.*

*Outreach/Indirect Interaction: A count of participants that interact with the team. For example: The team sets up a display at the local museum during Science Night. Students come by and talk to the team about their project.*

Grade level and number of participants: (If you are able to break down the participants into grade levels: PreK-4, 5-9, 10-12, and 12+, this will be helpful.)

Participant’s Grade Level	Education		Outreach	
	Direct Interactions	Indirect Interactions	Direct Interactions	Indirect Interactions
K-4				
5-9			100	
10-12				
12+				
Educators (5-9)				
Educators (other)				

Are the participants with a special group/organization (i.e. Girl Scouts, 4-H, school)? Y

If yes, what group/organization?

FIRST LEGO League Robotics

Briefly describe your activities with this group:

On March 4<sup>th</sup>, CRW assisted at the FIRST LEGO League Alabama Championship at the U.S. Space & Rocket Center. The students at this event were judged on their ability to design and program an autonomous robot using a small microcontroller, a project that informed others of a new innovative product that would aide in the relationship between animals and humans, and how the team demonstrated the FIRST LEGO League Core Values. Members of the team served as judges and had direct interaction with roughly 100 individuals between the ages of 8-14 years.

Did you conduct an evaluation? If so, what were the results?

No formal evaluation was conducted.

Describe the comprehensive feedback received.

CRW received no feedback from the indirect interaction.