

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: 03/25/2017

Location of event: University of Alabama, Huntsville, Machine Shop

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				
10-12			300	
12+			200	
Educators (5-9)				
Educators (other)				

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

If yes, what group/organization?

N/A

Briefly describe your activities with this group:

At the final UAH Discovery Days event of the 2016-2017 academic year, CRW presented their launch vehicle, Viserion, as well as discussed the field of engineering to prospective engineering students and their families. During the event CRW met approximately 500 individuals interested in mechanical or aerospace engineering at the University of Alabama in Huntsville. The team introduced the NASA SL program to the audience and described their product in detail. This was done by detailing the design, construction, and selection of the vehicle components and the roll/counter roll induction payload. In addition to the introduction of the NASA Student Launch program, CRW discussed the field of engineering and opportunities in engineering such as internship and co-op programs with local companies.

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

No formal evaluation was conducted.

Describe the comprehensive feedback received.

No feedback was given.