

Educational Engagement Form

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: Northeastern University

Date(s) of event: 5 December 2014

Location of event: Northeastern University

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	
	Direction Interactions	Indirect Interactions	Direction Interactions	Indirect Interactions
K-4				
5-9				
10-12	40			
12+				
Educators (5-9)				
Educators (Others)	2			

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

If yes, what group/organization? Boston School District

Briefly describe your activities with this group:

We hosted an activity and tour through our club's laboratory for high school students. Students were able to handle past rocket and weather balloon projects and see our workspace. This field trip also included a demonstration by our team and an hour long project. This project was centered around the basic principles of rocket science, specifically Newton's Third Law and conservation of momentum.

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

N/A

Describe the comprehensive feedback received.

Students enjoyed this event as the activity topics mirrored what they were learning in physics class.