**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: Fisk University

Date(s) of event: 1/22/17

Location of event: Vanderbilt 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 | |
| **Direct** Interactions | **Indirect**  Interactions | **Direct** Interactions | **Indirect**  Interactions |
| K-4 |  |  |  |  |
| 5-9 |  |  |  |  |
| 10-12 |  |  |  |  |
| 12+ |  |  | 15 | 15 |
| Educators (5-9) |  |  |  |  |
| Educators (other) |  |  |  |  |

Are the participants with a special group/organization (i.e. Girl Scouts, 4-H, school)? Y N If yes, what group/organization? No

Briefly describe your activities with this group:

The Vanderbilt Aerospace Design Lab hosted an outreach event with local university Fisk. The goal of the event was to connect the students at Fisk who are also interested in rocketry and different aspects of technological advancement. We invited their rocket team to Vanderbilt for pizza and to show them our facilities. Although Fisk will not be competing in this year’s NASA student launch competition, they were excited to hear about what we had going on here. They are young team of about 15 members but they have much enthusiasm about the field. They were thrilled to see different projects we had going on besides the rocket such as our hotbox, which was used to cured our in-house carbon fiber wrapped blue tube, and our ground-based test facility. Fisk is a developing program of ten years. The school does not offer engineering so many of Fisk’s students had backgrounds in computer science and physics. They were excited to hear about the curriculum that Mechanical engineering offers where students get broad experience in coding, strength of structures, and many other subjects. We showed them our aerospace lab where we construct our rockets. We hope to be able to do more events in the future where we help one another build our programs while growing the presence of rocketry in Nashville.

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

This event did not require an evaluation.

Describe the comprehensive feedback received.

We received feedback that Fisk enjoyed their opportunity to see other facilities because the students felt limited in by their resources at their own university. They were happy to actively learn about the procedures and experiments we were conducting in our lab. Many students reached and said they would like to find more time to make friends with our team and gain further understanding in the different subjects of rocketry.