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: University of Alabama

Date(s) of event: 10/29/2015

Location of event: Hillcrest High School, Tuscaloosa, AL

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**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.

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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.)

<table>
<thead>
<tr>
<th>Participant’s Grade Level</th>
<th>Education</th>
<th>Outreach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Direct Interactions</td>
<td>Indirect Interactions</td>
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<tr>
<td>K-4</td>
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<tr>
<td>5-9</td>
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<tr>
<td>10-12</td>
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<td>12+</td>
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<tr>
<td>Educators (5-9)</td>
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<tr>
<td>Educators (other)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
Are the participants with a special group/organization (i.e. Girl Scouts, 4-H, school)?  

Y: ☒  N: ☐

If yes, what group/organization?  
Biology and Space/Earth Science classes

Briefly describe your activities with this group:  
The team gave a presentation on wind and how it affects rocketry. We had the students how to find the CG of a rocket, as well as taught them how to pack a parachute. After the presentation, we went outside and launched a model rocket to show some of the principles that we had just taught them about.

Did you conduct an evaluation? If so, what were the results?  
The team conducted an evaluation following the event. On a scale of 1-5, with 5 being the best, the team was rated a 5 in helpfulness, organization, and knowledge, and a 4 in preparedness.

Describe the comprehensive feedback received.  
Overall the feedback received was very positive. Many students showed interest in participating in the team’s competition in the spring. The students enjoyed the hands on activities (finding the CG of a rocket and folding a parachute), and getting to see one of the model rockets actually launch. The one improvement that was cited for future presentations was to maybe include some animations or videos in the PowerPoint.