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 / Alabama Rocket Engineering Systems

Date(s) of event: 9/22/2015 and 10/6/2015

Location of event: Holy Spirit Church and Schools, Tuscaloosa, Alabama

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.)

<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>
<td></td>
<td>18</td>
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<td>5-9</td>
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<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>
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</tbody>
</table>

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

If yes, what group/organization?

Boy Scouts
Briefly describe your activities with this group:

We went to two of their meetings; on 9/2 we went over the parts of a rocket and helped them assemble model rockets.

On 10/6 we went back and launched their model rockets.

This was to help them get their Space Exploration merit badge.

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

We have an evaluation that we gave to the troop leader following the event. From the evaluation, it was found that our preparedness, helpfulness, organization, and knowledge of the subject were rated a 96, and the presentation was what was expected.

Describe the comprehensive feedback received.

We asked them to rate our helpfulness, preparedness, organization, and knowledge of the subject on a scale of 1-5, with 1 being not good and 5 being very good. We received a 5 in all categories.

We also asked if the presentation was what was expected, if anything could be improved for the future, and if they had any additional comments.