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: November 9, 10, 12, 2015

Location of event: Maxwell Elementary, Northington Elementary, Mackenzie Court, Central Elementary

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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</td>
<td>Indirect</td>
</tr>
<tr>
<td>K-4</td>
<td>217</td>
<td></td>
</tr>
<tr>
<td>5-9</td>
<td>53</td>
<td></td>
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<tr>
<td>10-12</td>
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<tr>
<td>12+</td>
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<tr>
<td>Educators (5-9)</td>
<td></td>
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<tr>
<td>Educators (other)</td>
<td></td>
<td></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?

Al’s Pals Mentoring Group

Briefly describe your activities with this group:

The group matches students in grades 1-5 with a college-aged student mentor. We separated the kids into groups based on their grade. The 1st and 2nd graders decorated and constructed parachutes. The 3rd, 4th, and 5th graders made paper and straw rockets, and balloon rockets. At the end, we went outside, briefed them on safety, and launched a model rocket.

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

Evaluations were given to some mentors and site coordinators at each location. On a scale of 1-5, with 5 being the best, we generally received 5’s in preparedness, helpfulness, and knowledge, with a 4 in organization. Using these results we can improve upon our organization for future events.

Describe the comprehensive feedback received.

From the both written and verbal feedback received, the event overall was a success. They liked having the students split up into their age groups rather than presenting to the group as a whole. This is something we will definitely keep in mind for future presentations, especially if they are to larger groups, as this one was. It was also noted that having both a hands on activity, and the model rocket for them to watch kept them engaged and excited.