Scientist-Teacher Educational Partnership Survey (STEPS)

This survey was designed to explore teachers’ and scientists’ perceptions of their partnership in designing and implementing instruction. It applies to one distinct teacher-scientist project that may consist of one or more interactions between the teacher, students and the scientist (e.g., face-to-face or virtual visit). If a teacher worked with more than one scientist in a lab on this project, the term “partner” in the survey applies to all scientists in this lab collectively. **Please reflect on the entirety of your experience working with one teacher or scientist (lab) in this survey.**

Name of the teacher/scientist(lab) partner:

**Communication and Planning (between partners)**

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<tbody>
<tr>
<td>1.</td>
<td>The amount of communication between me and my partner was adequate.</td>
<td>SD</td>
<td>D</td>
<td>A</td>
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<td>2.</td>
<td>The quality of communication between me and my partner was adequate.</td>
<td>SD</td>
<td>D</td>
<td>A</td>
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<td>3.</td>
<td>Communication between me and my partner was timely.</td>
<td>SD</td>
<td>D</td>
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<td>4.</td>
<td>The questions and concerns I had during planning were adequately discussed.</td>
<td>SD</td>
<td>D</td>
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<td>5.</td>
<td>My partner and I developed shared goals and expectations.</td>
<td>SD</td>
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**Science Teaching Self-Efficacy**

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<td>6.</td>
<td>I have a better understanding of how to integrate scientific inquiry in the classroom as a result of this partnership.</td>
<td>SD</td>
<td>D</td>
<td>A</td>
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<td>7.</td>
<td>I can more effectively answer student questions about the science content that was addressed in this project as a result of this partnership.</td>
<td>SD</td>
<td>D</td>
<td>A</td>
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<td>8.</td>
<td>I can plan science instruction more effectively as a result of this partnership.</td>
<td>SD</td>
<td>D</td>
<td>A</td>
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9. I have learned new instructional strategies to teach science more effectively as a result of this partnership.

10. I have improved my understanding of the instructional strategies I usually use to teach science as a result of this partnership.

**Perceptions of Student Engagement and Learning**

11. Most students were engaged (verbally and/or nonverbally) during the interaction.

12. Students enjoyed the interaction.

13. Students learned more science content during the interaction.

14. Students became more aware of the nature of science and/or its applications in society.

15. Students asked higher-order questions that reflected interest and understanding of the content.

Your First and Last Name: __________

**Your Gender:**
- Male
- Female
- Other: __________
- Do not wish to provide

**Your ethnicity:**
- Hispanic or Latino/Latina
- White or Caucasian
- Black or African American
- Asian
- American Indian or Alaska Native
- Native Hawaiian or Other Pacific Islander
- Mixed race or Multi-race
- Other: ________________
- Do not wish to provide