4-H Science: Building a 4-H Career Pathway Initiative

Dear Participant:

You are being given this survey because you are part of a 4-H program or project, and we are surveying young people like you to learn about your experiences.

This survey is voluntary. If you do not want to fill out the survey, you do not need to. However, we hope you will take a few minutes to fill it out because your answers are important.

This survey is private. No one at your school, home, or 4-H program or project will see your answers. Please answer all of the questions as honestly as you can. If you are uncomfortable answering a question, you may leave it blank.

This is not a test. There are no right or wrong answers, and your answers will not affect your participation or place in the program in any way.

Thank you for your help!

Section I: Tell us about your 4-H Experience

Please select the responses that best describe you.

1. How many years have you been participating in 4-H? (Mark one box ☒.)
   - This is my first year
   - This is my second year
   - Three or more years

2. Which one of the following best describes how many hours you typically spend in 4-H programs/projects each week? (Mark one box ☒.)
   - Less than one hour
   - Between one and three hours
   - More than three hours

3. Which of the following best describes how you are involved in 4-H? (Mark each box ☒ that applies to you.)
   - Clubs
   - Camps
   - After-school programs
   - In-school programs
   - Local fairs/events
   - Community service projects
   - Working on my projects at home
   - Other
Section II: Decision Making and Problem Solving – School and College

4. **Please indicate how often you complete the following outcomes.** (Select one response in each row by marking the appropriate box ☒.)

<table>
<thead>
<tr>
<th>As a result of this 4-H experience...</th>
<th>Always</th>
<th>Usually</th>
<th>Sometimes</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>I know where to look for information to help me make college decisions</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can weigh the pros and cons of my future college options</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can identify information that is most important when making a decision about my college options</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can solve problems at school</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>At school I can compare each possible solution with others to find the best one</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Once I have solved a problem at school, I think about how my solution worked</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Section III: Science Skills, Abilities, Applications

5. **Please indicate how often the following outcomes are true for you.** (Select one response in each row by marking the appropriate box ☒.)

<table>
<thead>
<tr>
<th>In this 4-H program or project...</th>
<th>Always</th>
<th>Usually</th>
<th>Sometimes</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can use scientific data to form a question</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can design a scientific procedure to answer a question</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can use data to create a graph for presentation to others</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can create a display to communicate my data and observations</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I can use science terms to share my results</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
Section IV: Tell us about You

Please select the responses that best describes you.

6. **How old are you?**
   
   _____ Age (in years)

7. **What grade are you in?**
   
   _____ Grade

8. **Which of the following best describes your gender?** (Mark one box ☒.)
   - ☐ Female
   - ☐ Male

9. **Which of the following best describe your race?** (Mark each box ☒ that applies to you.)
   - ☐ American Indian or Alaskan Native
   - ☐ Asian
   - ☐ Black or African American
   - ☐ Native Hawaiian or Other Pacific Islander
   - ☐ White

10. **Which of the following best describe your ethnicity?** (Mark one box ☒.)
    - ☐ Hispanic or Latino
    - ☐ Not Hispanic or Latino

11. **Which of the following best describes the primary place where you live?** (Mark one box ☒.)
    - ☐ Farm
    - ☐ Rural (non-farm residence, pop. < 10,000)
    - ☐ Town or City (pop. 10,000 – 50,000)
    - ☐ Suburb of a City (pop. > 50,000)
    - ☐ City (pop. > 50,000)

THANK YOU!