Dear Participant:

You have been given this survey because you have participated in a 4-H program or project and 4-H would like to learn about you and your experiences in 4-H.

Your answers are important and they will be kept private. But, if you don’t want to fill out the survey, you don’t have to or if there is a question you don’t want to answer, you can leave it blank.

There are no right or wrong answers, so please answer all questions honestly.

Thank you for your help!
Science Interest and Thinking

1. How much do you like science?
   □ A lot
   □ A little
   □ Not at all

2. Would you like a job that uses science?
   □ Yes
   □ Sort of
   □ No

3. How much do you like engineering?
   □ A lot
   □ A little
   □ Not at all

4. Would you like a job that uses engineering?
   □ Yes
   □ Sort of
   □ No

5. At 4-H, did you learn new things about science?
   □ Yes
   □ Sort of
   □ No

6. At 4-H, did you learn new things about engineering?
   □ Yes
   □ Sort of
   □ No

7. At 4-H, did you talk about how science can be used to help solve everyday problems?
   □ Yes
   □ Sort of
   □ No

8. Have you shared your science-related project with others?
   □ Yes
   □ Sort of
   □ No
9. Do you know how to ask a hypothesis that can be tested?
   - Yes
   - Sort of
   - No

10. Do you know how to plan an experiment?
    - Yes
    - Sort of
    - No

11. Do you know how to analyze data to draw conclusions about a hypothesis?
    - Yes
    - Sort of
    - No

12. Do you know how to communicate the results of an experiment to others?
    - Yes
    - Sort of
    - No

For the following questions, please mark how much you agree with each sentence.

13. I like science.
    - Strongly agree
    - Agree
    - Disagree
    - Strongly disagree

14. I would like a job that involves using science.
    - Strongly agree
    - Agree
    - Disagree
    - Strongly disagree

15. I would like to study science after high school.
    - Strongly agree
    - Agree
    - Disagree
    - Strongly disagree
16. Do you know how to define an engineering design problem?
   □ Yes
   □ Sort of
   □ No

17. Do you know how to identify potential solutions to a design problem?
   □ Yes
   □ Sort of
   □ No

18. Do you know how to evaluate test results to identify the best solution?
   □ Yes
   □ Sort of
   □ No

19. Do you know how to communicate a design solution to others?
   □ Yes
   □ Sort of
   □ No

For the following questions, please mark how much you agree with each sentence.

20. I like engineering.
   □ Strongly agree
   □ Agree
   □ Disagree
   □ Strongly disagree

21. I would like a job that involves using engineering.
   □ Strongly agree
   □ Agree
   □ Disagree
   □ Strongly disagree

22. I would like to study engineering after high school.
   □ Strongly agree
   □ Agree
   □ Disagree
   □ Strongly disagree
23. **How old are you?**
   
   □ years old

24. **What grade are you in?** *If it is summer break, which grade will you be starting in the fall?*

   □ grade

25. **Which of the following best describes your gender?**
   
   □ Male (boy)
   □ Female (girl)
   □ I don’t want to say

26. **Which of the following best describes your race?**
   
   □ Asian
   □ Black or African American
   □ Hispanic or Latino
   □ Native American
   □ Native Hawaiian/Other Pacific Islander
   □ White or Caucasian
   □ More than one race
   □ I don’t know

27. **How many hours do you typically spend on 4-H activities each week?**
   
   □ Less than 1 hour
   □ 1 hour
   □ 2 hours
   □ 3 hours
   □ 4 hours
   □ 5 or more hours

Thank you very much!
Please return this form as directed.