

4-H Common Measures Survey

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

**Your Science Skills & Attitudes**

**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

**Your Engineering Skills & Attitudes**

**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

**About You**

**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.**