

14. How old are you? (Select ONE)

- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

15. Are you... (Select ONE)

- a boy
- a girl

16. Are you... (Select ALL that apply)

- African American/Black
- Asian
- Hispanic/Latino
- Native American/Alaskan Native
- Native Hawaiian/Other Pacific Islander
- White
- Other

Thank you for your participation!

4-H Robotics Youth Survey

Dear Participant:

You are being given this survey **because you are part of a 4-H robotics club**, 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 club 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 club in any way.

Thank you for your help!

• Use a pencil or blue or black pen.

• Fill bubbles completely.

• Do not mark answers with Xs or ✓s.

Like this: 

Not like this:   



1. Is this the first 4-H club or activity you have participated in? (Select ONE)

- Yes, this is my first 4-H club or activity
- No, I have participated in other 4-H clubs or activities before

2. Is this the first 4-H robotics club or activity you have participated in? (Select ONE)

- Yes, this is my first 4-H robotics club or activity
- No, I have participated in other 4-H robotics clubs or activities before

3. Why did you join this 4-H robotics club? (Select ALL that apply)

- I wanted to learn about robotics
- I thought it would be fun
- I wanted to do robotics competitions
- My friends were in it
- Robotics is part of a program at my school
- I wanted to be in 4-H
- Another reason (please explain): _____

— NEXT —>

DO NOT WRITE IN THIS BOX



4. Please tell us how much you agree or disagree with each of the following statements about this 4-H club.

(Select ONE in each row)

In this 4-H club...

| | Strongly Disagree | Disagree | Agree | Strongly Agree |
|--------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. I solve problems. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. I do hands-on activities and projects. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. I see science or engineering in a fun way. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. I learn about careers. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. I serve my community. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. I learn with my friends. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. I can tell a group of people about something I learned or made. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Adults listen to what I have to say. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. I feel safe and respected. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

5. Please tell us how much you agree or disagree with each of the following statements.

(Select ONE in each row)

| | Strongly Disagree | Disagree | Agree | Strongly Agree |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. I want to learn more about science, technology, or engineering. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. I like to see how things are made. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. I like to work on science projects. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. I like to build and construct things. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. I like to talk about science with my friends. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. I get excited learning about new discoveries or inventions. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. I like science. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. I like engineering. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Science, engineering, and technology are useful for solving everyday problems. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

6. Please let us know whether each of these statements is true for you? (Select YES or NO)

| | Yes | No |
|-------------------------------------------------------|-----------------------|-----------------------|
| a. I can make a chart or picture to show information. | <input type="radio"/> | <input type="radio"/> |
| b. I can talk about engineering problems. | <input type="radio"/> | <input type="radio"/> |
| c. I can design and build things to solve problems. | <input type="radio"/> | <input type="radio"/> |
| d. I can test engineering designs. | <input type="radio"/> | <input type="radio"/> |

7. Please tell us how much you agree or disagree with each of the following statements.

(Select ONE in each row)

| | Strongly Disagree | Disagree | Agree | Strongly Agree |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. I can do well in math and science classes. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Someone like me can succeed in an engineering career. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Someone like me can succeed in a science career. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

8. How likely are to do the following things?

(Select ONE in each row)

| | Not Likely | Somewhat Likely | Very Likely |
|-----------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|
| a. Take advanced math and science classes at my school. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Talk to adults that work in science, engineering, or technology. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Learn about different science, engineering, or technology careers. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

9. Please tell us how much you agree or disagree with each of the following statements.

(Select ONE in each row)

Participating in 4-H Robotics has:

| | Strongly Disagree | Disagree | Agree | Strongly Agree |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Helped me understand science and engineering better. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Made me think more about what I will do after I graduate from high school. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Made me more interested in studying science, engineering, or technology in school. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Made me feel like I can do well in science and engineering. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Made me want to participate in other science, engineering, and technology projects. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

10. How far do you want to go in school? (Select ONE)

- Graduate from high school
- Go to a trade or vocational school
- Go to college for a little while
- Finish college
- Get more education after college

11. Do you want to get a job related to science, engineering, or technology? (Select ONE)

- Yes
- No
- Don't know

12. What kind of work do you expect to be doing when you are 30 years old? (Select ONE)

- Farmer, rancher
- Military, police, or security officer
- Professional business person or manager
- Own a business
- Work in computers or technology
- Scientist or researcher
- Work in the medical field (doctor, nurse, lab technician)
- Teacher
- Artist (writer, dancer, painter)
- Skilled craftsperson (carpenter, plumber)
- Retail (work in a store)
- Engineer
- Lawyer
- Other
- Don't know

13. What is the highest level of school that your mother went to? (Select ONE)

- Grade school
- High school
- College
- Another graduate school after college
- I don't know