

NASA K-12 STEM Engagement Survey

Introduction

This is the NASA K-12 STEM Engagement program evaluation survey. We are hoping to learn more about your experiences in NASA programs or with learning about NASA through your teacher or other STEM program. Thank you for taking the time to complete the survey for us!

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BACKGROUND

STEM stands for Science, Technology, Engineering, and Math

For each of the statements below, choose an answer by clicking the circle next to it.

1. I have participated in a NASA program in school.

Yes

No

I am not sure

2. I have participated in a NASA program outside of school.

Yes

No

I am not sure

3. My teacher taught me about NASA this school year.

Yes

No

I am not sure

4. I feel like I fit in with the NASA program.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

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STEM Identity

For each of the statements below, choose an answer by clicking the circle next to it.

5. My parents or guardians think I am good at STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

6. My teachers think I am good at STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

7. My friends think I am good at STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

8. I want to work in a STEM job when I grow up.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

9. I see myself as a STEM person.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

10. I think I will do well in middle school and high school STEM classes.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

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STEM Self-Efficacy

For each of the statements below, choose an answer by clicking the circle next to it.

11. I get excited about doing STEM projects.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

12. I am confident about trying out new STEM ideas.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

13. I understand how people use STEM in their jobs.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

14. Other students ask me for help with STEM projects.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

15. I understand things we discuss about STEM in school.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

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STEM Interest

For each of the statements below, choose an answer by clicking the circle next to it.

16. I like learning about STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

17. I like to watch videos about STEM when I am not in school.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

18. I talk with friends or family about STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

19. I want to learn as much as I can about STEM.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

20. I like to solve STEM problems.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

21. I think of STEM things to try out.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

22. How often do you do STEM activities in your free time outside of your science class?

Some examples of STEM activities are:

- Coding/programming
- Robotics
- Science clubs or competitions
- Math clubs or competitions
- Nature walks, gardening, or planting seeds
- Reading about science/technology
- Building or taking things apart
- Visiting a science center, zoo, or museum

daily

rarely (less than monthly)

weekly

never

monthly

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21st Century Skills

For each of the statements below, choose an answer by clicking the circle next to it.

23. I can come up with new STEM ideas.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

24. I am able to talk about my STEM ideas.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

25. I can use the internet to get the information I need for a STEM project.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

26. I am a good team member when I work in a group on a STEM project.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

27. I can finish a project by its due date.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

28. When a project does not work out, I can think of other ways to do it.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

29. I can be the leader of a team working on a project.

- Disagree a lot
- Disagree a little
- Agree a little
- Agree a lot

30. Does an adult in your life have a STEM job?

Examples of adults in your life:

- Parents and guardians
- Family members
- Family friends
- Club leaders
- Coaches.

- Yes
- No
- Not sure

31. What made you first become interested in STEM?

32. Please describe what you learned about NASA in school this year.

33. What kind of job do you see yourself doing in the future?

34. Please describe what you learned about NASA outside of school this year.

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Current Grade Level

35. What is your current grade level?

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Current Grade Level

35. What is your current grade level?

- Kindergarten
- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- 6th Grade
- 7th Grade
- 8th Grade
- 9th Grade
- 10th Grade
- 11th Grade
- 12th Grade

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Demographics

36. What is your gender?

- Male
- Female
- Do not wish to provide

37. What is your ethnicity?

- Hispanic or Latino
- Not Hispanic or Latino
- Do not wish to provide

38. What is your race? Mark all that apply.

American Indian or Alaska Native

Native Hawaiian or other Pacific Islander

Asian

White

Black or African American

Do not wish to provide

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✓ Thank you for taking the survey.