

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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Paperwork Reduction Act Statement:

This information collection meets the requirements of 44 U.S.C. §3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 2700-0159 and expires 09/30/2024.

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

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

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

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
- weekly
- monthly

- rarely (less than monthly)
- never

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.

Current Grade Level

35. What is your current grade level?

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.

- | | |
|---|--|
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Native Hawaiian or other Pacific Islander |
| <input type="checkbox"/> Asian | <input type="checkbox"/> White |
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> Do not wish to provide |