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!

Privacy Act Notification:

The information you provide via this form is protected from unauthorized disclosure in accordance with the Privacy Act of 1974. It will be used by NASA for the specific purpose of managing registrants, selecting applicants, implementing and evaluating STEM engagement investments. Collection of the information is authorized by the National Aeronautics and Space Act of 1958 § 403(a)(b), 42 U.S.C. § 2473 (c)(1). Provision of the requested information is strictly voluntary; however, failure to provide the information may result in NASA's inability to provide you with the information or STEM services you desire. NASA may disclose information to NASA administrators and managers, Office of Management and Budget officials, and members of Congress for the purposes of accountability and tracking of program and project efficiency and effectiveness. Elaboration and conditions of information disclosure may be found under "Routine Uses" of the full System of Records Notice at https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#10euda and in Appendix B at https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#appb.

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

1. I have participated in a NASA program in school.
○ Yes
○ No
O I am not sure
2. I have participated in a NASA program outside of school.
○ Yes
○ No
O I am not sure
3. My teacher taught me about NASA this school year.
○ Yes
○ No
O I am not sure

4. I feel like I fit in with the NASA program.
 Disagree a lot
 Agree a little
 Agree a lot

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STEM Identity

5. My parents or guardians think I am good at STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
6. My teachers think I am good at STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot

7. My friends think I am good at STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
8. I want to work in a STEM job when I grow up.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
9. I see myself as a STEM person.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot

10. I think I will do well in middle school and high school STEM classes.		
O Disagree a lot		
O Disagree a little		
○ Agree a little		
○ Agree a lot		
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STEM Self-Efficacy

11. I get excited about doing STEM projects.
O Disagree a lot
O Disagree a little
O Agree a little
O Agree a lot
12. I am confident about trying out new STEM ideas.
O Disagree a lot
O Disagree a little
O Agree a little

13. I understand how people use STEM in their jobs.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
14. Other students ask me for help with STEM projects.
14. Other students ask me for help with STEM projects. O Disagree a lot
O Disagree a lot
Disagree a lot Disagree a little

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

O Disagree a little
O Agree a little
O Agree a lot

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STEM Interest

16. I like learning about STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
17. I like to watch videos about STEM when I am not in school.
17. I like to watch videos about STEM when I am not in school. O Disagree a lot
O Disagree a lot

18. I talk with friends or family about STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
19. I want to learn as much as I can about STEM.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
20. I like to solve STEM problems.
O Disagree a lot
O 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

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○ monthly		
O weekly		never
O daily		rarely (less than month

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21st Century Skills

23. I can come up with new STEM ideas.
O Disagree a lot
O Disagree a little
Agree a little
Agree a lot
24. I am able to talk about my STEM ideas.
O Disagree a lot
O 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.
O Disagree a lot
O Disagree a little
O Agree a little
O Agree a lot
26. I am a good team member when I work in a group on a STEM project.
O Disagree a lot
O Disagree a little
O Agree a little
O Agree a lot
27. I can finish a project by its due date.
O Disagree a lot
O Disagree a little
O Agree a little
○ Agree a lot

28. When a project does not work out, I can think of other ways to do it.
O Disagree a lot
O Disagree a little
O Agree a little
O Agree a lot
29. I can be the leader of a team working on a project.
O Disagree a lot
O Disagree a little
O 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 fiducial
Family friends Club leaders
• Coaches.
O V
○ Yes
○ No
O 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?

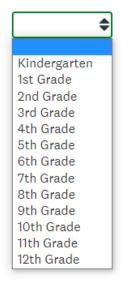


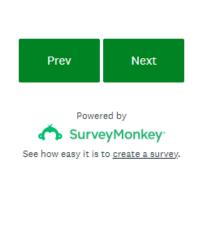


NASA K-12 STEM Engagement Survey

Current Grade Level

35. What is your current grade level?





Demographics

36. What is your gender?		
○ Male		
○ Female		
O Do not wish to provide		
37. What is your ethnicity?		
O Hispanic or Latino		
O Not Hispanic or Latino		
O 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.