

## NASA Middle School Survey

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This is the NASA K-12 STEM Engagement program 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 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. 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. Any information released (such as statistical summaries) will be in a form that does not personally identify you.

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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.

For each of the sentences below, choose an answer and click the circle next to it to select 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.

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### STEM Identity

For each of the sentences below, choose an answer and click the circle next to it to select it.

4. My parents think I do well in STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

5. My teachers think I do well in STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

6. My friends think I do well in STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

7. I see myself working in a STEM job someday.

- No
- Not really
- Not sure how I feel
- Probably
- Yes

8. I think I will do well in high school STEM classes.

- No
- Not really
- Not sure how I feel
- Probably
- Yes

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### STEM Self-Efficacy

For each of the sentences below, choose an answer and click the circle next to it to select it.

9. I am good at STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

10. I get excited about doing STEM projects.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

11. I am confident about trying out new ideas on my own in STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

12. I understand how STEM is used in jobs.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

13. Other students ask me for help with STEM activities.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

14. I receive good grades on STEM activities in school.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

15. I understand STEM concepts we discuss in school.

- No
- Not much
- Not sure how I feel
- Most of the time
- Yes

16. I do well in school STEM activities.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

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### STEM Interest

For each of the sentences below, choose an answer and click the circle next to it to select it.

17. I enjoy learning about STEM.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

18. I enjoy figuring out how things work.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

19. I like to read about STEM when I am not in school.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

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

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

21. I enjoy the challenge of doing STEM activities.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

22. I want to increase my STEM knowledge as much as possible.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

23. I discuss STEM with friends and/or family.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

24. I enjoy solving STEM problems.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

25. I have done a STEM camp, club, or competition.

- No
- Yes

26. I think of STEM activities to try out.

- No
- Not often
- Not sure how I feel
- Sometimes
- Yes

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### 21st Century Skills

For each of the sentences below, choose an answer and click the circle next to it to select it.

27. I can think of creative STEM ideas.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

28. I am able to solve STEM problems.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

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

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

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

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

31. I am a good team member when I work on STEM activities in a group.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

32. I am able to complete a STEM project or task by its due date.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

33. When a STEM project or task does not go as planned, I can think of other ways to accomplish it.

- No
- Not often
- Not sure how I feel
- Most of the time
- Yes

34. I am able to be the leader of a team working on a STEM activity.

- No
- Not really
- Not sure how I feel
- Most of the time
- Yes

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## NASA Middle School Survey

Answer the questions below.

35. Do you see yourself having a job in STEM in the future?

- No
- Not Sure
- Yes

36. What made you first become interested in STEM?

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

38. Do you think of yourself as being good at doing STEM projects?

- No
- Not Sure
- Yes

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## NASA Middle School Survey

Please answer the questions below if you have learned about NASA this year.

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

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

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✓ Thank you for taking the survey.