## 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.**

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

 Yes No

 I am not sure

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

 Yes No

 I am not sure

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

 Yes No

 I am not sure

### 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.

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

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

### My teachers think I am good at STEM.

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

### My friends think I am good at STEM.

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

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

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

### I see myself as a STEM person.

 Disagree a lot  Disagree a little  Agree a little

Agree a lot

### 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.

### I get excited about doing STEM projects.

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

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

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

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

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

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

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

### 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.

### I like learning about STEM.

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

### 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

### I talk with friends or family about STEM.

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

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

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

### I like to solve STEM problems.

 Disagree a lot  Disagree a little  Agree a little

Agree a lot

### I think of STEM things to try out.

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

### 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.

### I can come up with new STEM ideas.

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

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

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

### 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

### 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

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

 Disagree a lot  Disagree a little  Agree a little

Agree a lot

### 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

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

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

### 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

### What made you ﬁrst become interested in STEM?

1. Please describe what you learned about NASA in school this year.
2. What kind of job do you see yourself doing in the future?
3. Please describe what you learned about NASA outside of school this year.

Current Grade Level

1. What is your current grade level?

Demographics

1. What is your gender?

 Male Female

 Do not wish to provide

### What is your ethnicity?

 Hispanic or Latino

 Not Hispanic or Latino  Do not wish to provide

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

American Indian or Alaska Native Asian

Black or African American

Native Hawaiian or other Paciﬁc Islander White

Do not wish to provide