

As a stakeholder in NASA's STEM Engagement K-12 formal and informal programs, you have been selected to take part in a brief questionnaire about your experiences and utilization of NASA STEM Engagement K-12 activities for continuous improvement processes. If you wish to participate in this survey, please continue to the next page. Thank you for your cooperation!

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.

1. My current work position can best be described as:

- K-12 teacher
- Pre-service Teacher or college student
- K-12 administrator
- K-12 instructional coach or district level support staff
- Informal or out-of-school educator (museum, club, science center, etc.)
- College or university faculty
- Administrator for a state department of education
- Administrator for an informal education setting
- Professional development provider
- Other (please specify)

2. The primary nature of my interaction with the NASA STEM Engagement resources was:

- Educator using NASA resources in K-12 classroom
- Educator using NASA resources in an out-of-school program or informal setting
- Higher education faculty using NASA resources in my coursework or outreach programs
- Administrator in a school or other organization where NASA resources are used

3. Please select the item that best describes your work with students:

- My primary role with is to work directly with students delivering NASA STEM Engagement resources/program content.
- I occasionally work directly with students using NASA STEM Engagement resources.
- I do not work directly with students.

4. Please describe the type(s) of activities/programs/resources from NASA STEM Engagement that you have used or participated in over the past five years?

5. What is your gender?

- Female



Male

Do not wish to provide

6. What is your ethnicity? (Select one)

Hispanic or Latino

Not Hispanic or

Latino Do not wish to
provide

7. What is your race? (Select as many as apply)

American Indian or Alaskan Native

Asian

Black or African American

Native Hawaiian or Other Pacific Islander

White

Do not wish to provide

8. What state or U.S. territory do you live in currently?

9. What subject(s) do you primarily teach or work with using the NASA STEM activity, resource, and/or program? (Select all that apply)

Science

Mathematics

Social Studies

English/Language Arts

Music/Arts

Physical Education/Health

All subjects (self-contained elementary school)

Other (please specify)

10. What grade level(s) are the students who you served using the NASA STEM activity, resource, and/or program? (Select all that apply)

- K
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

11. The number of years you have been in your current position is:

- 0-5
- 6-10
- 11-20
- 21-30
- 31+

12. The area I work in can best be described as primarily:

- Rural
- Urban
- Suburban

13. Why did you decide to use or participate in a NASA STEM Engagement program, resource, or activity?

Please indicate your level of agreement with the following statements:

1. How would you rate your familiarity with NASA educational resources?

- Not familiar
- Somewhat familiar
- Very familiar

2. How did you become familiar with NASA resources?

- Website
- My school or district
- NASA Center
personnel
- NASA or other professional development
- Teacher education program at a college or university
- State agency or STEM network
- Professional organization
- Other (please specify)

3. Please indicate your level of agreement with the following statements regarding how NASA STEM resources meet the needs of diverse learners:

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
Underrepresented racial/ethnic groups are well represented in NASA resources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Females are well represented in NASA resources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA K-12 STEM resources meet the needs of learners from groups traditionally underrepresented in STEM.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA K-12 STEM resources meet the needs of learners of varying ability and skill levels.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. How would you rate your overall experience with using NASA resources?

Very poor Poor Neutral Good Outstanding

5. Have you personally used any NASA curriculum or resources in your classroom or informal education program?

Yes No

6. What types of NASA resources have you used with students or received personally? (Select all that apply)

- Lesson plans/curriculum
- Videos
- Guest speakers
- Website
- Virtual field trips
- In person field trips to NASA center
- Teacher Professional development
- NASA competitions for students
- Museum exhibits
- Outreach programs
- Other (please specify)

7. Please indicate your level of agreement with the following items regarding your use of NASA resources:

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
It is easy to access NASA resources online.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is easy to incorporate NASA resources into the curriculum I use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can easily access the background information or content knowledge support I need to use NASA resources with students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA resources are useful for teaching students about space exploration and space science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA resources are useful for teaching students about non- science topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. I have had students participate in NASA programs or events at my school/site or at a NASA facility.

- Yes No

9. I have had NASA guest speakers in my classroom or school.

Yes No

10. I have had NASA experts work virtually with my students.

Yes No

11. My students have participated in NASA competitions.

Yes No

12. NASA educational resources include a focus on important STEM skills that are integral to student success today.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

13. I believe NASA's K-12 resources are engaging for my students.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

14. How would you rate the level of interest of your students overall in STEM after using NASA materials?

Much Less Interested Less Interested About the Same Before and After More Interested
 Much More Interested

15. Please indicate how much each of these NASA resources contributed to growing more interest in STEM for your students.

	Did Not Experience	Not At All	Very Little	Somewhat	Very Much
NASA website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA K-12 lesson plans/activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA student competitions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA experts (virtual or in person)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA student programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NASA mission coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Awareness and Perceptions of NASA Resources

Please indicate your level of agreement with the following statements:

1. I believe it is important for NASA to partner with K-12 schools and informal education agencies.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

2. My students are aware of NASA opportunities (e.g., programs, internships).

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

3. My school district or organization understands the value of using NASA resources with our students.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

4. Teachers in my district or informal education organization are aware of NASA resources.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

5. Parents in this region have an awareness of the work of NASA.

Strongly Disagree Disagree Agree Strongly Agree

6. My students can "see" NASA as a career option for them in their future.

Strongly Disagree Disagree Neither Agree or Disagree Agree Strongly Agree

Future STEM Engagement Opportunities

Please respond to the following in the space provided:

1. I plan to use NASA K-12 STEM Engagement resources, activities, or programs in the future.

- Strongly disagree Disagree Neither agree or disagree Agree Strongly agree

2. In the future, I am interested in the following opportunities and/or resources from NASA STEM Engagement (check all that apply):

- More content for K-2nd grade students
- More content for 3rd-5th grade students
- More content for 6th-8th grade students
- More content for 9th-12th grade
- students More life science content
- More Earth science content
- More physical science
- content More mathematics
- content More engineering
- content More technology
- content
- More standards-aligned content
- More hands-on content
- More competitions
- More opportunities to bring NASA guest speakers to the classroom
- More professional development opportunities for educators
- More support in integrating NASA content into curriculum
- More bilingual content
- Other (please specify)

3. Please use this space to provide any additional thoughts you would like to share about your experiences with NASA STEM Engagement resources, programs, and/or activities: