

NASA Glenn Research Center (GRC) Office of Education Out-of-School Time Opportunities

Funding Solicitation Application

All application proposals due on or before November 9, 2018, 11:59 PM Eastern Time.

* Required

1. Email address *

General Organization Information

2. Organization Name *

3. Organization Address *

4. Organization City *

5. State *

Mark only one oval.

OH

6. Zip Code *

Use 5-digit zip only.

7. Organization Website Address *

Enter the URL of your organizations website. If your organization has a specific page for the building, branch, or project that will be supported through this proposal, enter the URL for that page.

8. Organization Classification: Select all that apply *

Check all that apply.

- Public School
- Museum
- Youth Serving Organization (YSO)
- Extension Service
- Private School
- Science Center
- Non-profit
- Other: _____

9. Has this organization previously partnered with NASA Education for any other projects? *

Mark only one oval.

- Yes
- No

10. If yes, please provide the name of the project.

Point of Contact (POC) Information

Please provide contact information for a primary and secondary POC for your organization regarding this proposal.

11. Primary POC First Name *

12. Primary POC Last Name *

13. Primary POC Phone *

Use ###-###-#### format.

14. Primary POC Email *

15. Secondary POC First Name *

16. **Secondary POC Last Name ***

17. **Secondary POC Phone ***

Use ###-###-#### format.

18. **Secondary POC Email ***

Program Details

Describe the program you are proposing by addressing the following questions:

19. **Name of Your Organization's Program ***

20. **Describe the goals and objectives of this program (for students). ***

Using the program goals and objectives, indicate how students gain: an increased knowledge or understanding of STEM concepts, processes and careers, opportunities to connect with supportive adult role models working in the STEM field, and increased active participation in STEM learning opportunities. (Chi, Dorph, and Reisman, n.d.; Friedman, 2008; Hussar, et al., 2008) (2,000 characters or less)

21. **Please describe the relevant experience which makes your organization a desirable candidate to implement the program. ***

Include previous programming and/or previous STEM content experience. (Graves, 2016; Martinez et al., 2010) Identify your organization's strengths as they relate to this program. (2,000 characters or less)

22. **Based on historical data, how many 6th-8th graders have attended out-of-school time programs described in the previous question? ***

23. **Program start date ***

Date must fall between the implementation period of 12/1/2018 and 3/31/2019.

Example: December 15, 2012

24. **Program end date ***

Date must fall between the implementation period of 12/1/2018 and 3/31/2019.

Example: December 15, 2012

25. **What days of the week do participants attend this program (check all that apply)? ***

Check all that apply.

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday

26. **How many hours per day do participants attend the program? ***

27. **Approximately what percent of your student audience are entering the following grade levels? ***

This opportunity and its related content are intended for students in grades 6-8. Mark only one oval per row.

	None	1-20%	21-40%	41-60%	61-80%	81-100%
5th Grade or below	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6th Grade	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7th Grade	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8th Grade	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9th Grade or above	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

28. **Does your program have numerous sessions of different students throughout the implementation? If so, provide details of how the above data are divided into each session (expected start and end dates, numbers of participants, grade levels, themes for each session). If the program only consists of one session for the same students, enter "No". ***

29. **Total number of contact hours per student for the entire season. ***

30. **How many hours of the total contact time per student will be dedicated to EDC content for this proposal? ***

31. **How does your organization plan to integrate the EDC content into your program's STEM learning opportunities? (2,000 characters or less) ***

Expected Enrollment Details

Funding provided by NASA for activity materials will be calculated based on the number of students proposed that will fully participate in all facilitated NASA content.

32. **How many 6th-8th grade students will receive this NASA STEM content? ***

33. **Estimate the percentage of underrepresented or underserved individuals who will participate in NASA STEM content during this implementation. ***

Research indicates, high-quality STEM OST programs ensure equitable access for individuals from underserved groups and groups traditionally underrepresented in STEM fields and does not inadvertently create barriers that may prevent some individuals from participating (Afterschool Alliance, 2016; Graves, 2016). For purposes of this solicitation, groups underrepresented in STEM fields include Hispanics and Latinos, African Americans, American Indians, Alaska Natives, Native Hawaiians and Pacific Islanders, the economically disadvantaged, people with disabilities, and women and girls.

Mark only one oval.

- 100%
- 99 - 75%
- 74 - 50%
- 49 - 25%
- 24% or below

34. Provide a description of the recruitment plan for this programming. *

Include methods that ensure equitable access, provide positive past experience in OST STEM programs, and a social, fun learning environment as ways to recruit participants for this program. (Graves, 2016) (2,000 characters or less)

35. Provide a description of the plan to retain students for your program. *

Include methods to ensure equitable access, promote interest in STEM, and create a positive experience with STEM programming as ways to contribute to the retention of participants. (Afterschool Alliance, 2016; Graves, 2016; Bell et al., 2009) (2,000 characters or less)

36. If your organization has previously participated in a NASA Glenn OST funded opportunity, explain the enhancements you plan to make to continuously improve the student experience or expand program reach. *

NASA is seeking to maximize returns on investment by eliminating duplicate participation with the same content. If your organization has not previously participated in a previous opportunity, enter "NA." (2,000 characters or less)

37. Based on this expected enrollment, how many facilitators would your organization send to the mandatory training workshop? *

Consider reasonable OST facilitator-to-student ratios when proposing number of facilitators to be trained.

38. Which facilitation workshop would you prefer your facilitators attend? *

For planning purposes, select the workshop your facilitators would prefer to attend. Awarded organizations will confirm their workshop attendance upon notification of award.

Mark only one oval.

December 11, 2018

Commitment to participate

The following commitments are required to receive funding for this opportunity.

39. Please confirm the following statements by checking the boxes beside each statement. *

Check all that apply.

- I agree to send one or more facilitators to attend a mandatory training workshop. (A travel voucher will be provided to participants traveling outside a 50-mile radius of the workshop location).
- I agree to participate in evaluation activities related to my participation in workshop and the NASA STEM content.
- I agree to report back data and outcomes from my organization as a result of implementing NASA STEM content in my organization.
- I agree that the funding provided in this opportunity will be used for training and participant materials during the implementation period.

40. By typing in my full name below, I agree that all information provided in this proposal submission is accurate to the best of my knowledge. *

A copy of your responses will be emailed to the address you provided
