Explore Science - Earth & Space Toolkit 2019 Report

Part 1 - Contact information

Thank you for participating in the NISE Network's 2019 Explore Science: Earth & Space project!

We require that partners receiving physical toolkits report back to the Network about your experiences through this online survey, in turn we are able to share summaries of this data with our funder. There are two sections in this survey:

Part 1. A required report section with questions about your 2019 Explore Science: Earth & Space event(s) to help us understand the kinds of events our partners host and how toolkit materials are used. We also use this information in awarding future toolkits. **If you held multiple Explore Science: Earth & Space events this year, please include information on all of them. You don't need to fill out a report if you collaborated on another organization's event and they are filling out a report.**

Part 2. An optional information-gathering section with questions to help us improve future Explore Science: Earth & Space toolkits and other NISE Net efforts and resources. We may use this information for future evaluations to improve the work of the NISE Network.

The reporting deadline for Explore Science: Earth & Space is June 15th, 2019.
Once you complete the report (on time!), your name will be entered into a drawing for additional educational materials to use with your visitors. Two drawings will be made, and winners will be notified in early July.

Important Information About Filling Out the Report:
The report takes approximately 30 minutes to complete. Please note that it is NOT possible to save your work in the SurveyGizmo online form and return for additional edits. Reports left idle for too long will go blank when you progress to the next screen. Please plan to complete the online report in one session. You may want to write your responses in a Word doc, save, and then cut and paste that information into this report; you may download in Word Document format or PDF format from http://www.nisenet.org/earthspacekit. If you have any questions about this survey, please contact Brandon Phan at bphan@smm.org.

1. Enter the name of a contact person and a shipping address (please do not use PO boxes):

First Name

Last Name

Job Title

Organization

Address 1

Address 2

City/Town

State

Alabama
Alaska
American Samoa
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Federated States of Micronesia
Florida
Georgia
Guam
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Marshall Islands
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina

Country

United States

North Dakota
Northern Mariana Islands
Ohio
Oklahoma
Oregon
Palau
Pennsylvania
Puerto Rico
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virgin Islands
Virginia
Washington
Washington, D.C.
West Virginia
Wisconsin
Wyoming

Zip

Email Address

Institution Website

Phone Number

2. Please confirm your organization in the pull-down selection below. Organizations are sorted alphabetically by state, then city, and organization. If your organization is not listed, please choose "OTHER" at the bottom of the list.

AK, Anchorage, Anchorage Museum
AK, Fairbanks, Fairbanks Children's Museum
AK, Fairbanks, University of Alaska Museum of the North
AK, Kenai, Challenger Learning Center of Alaska
AL, Birmingham, McWane Science Center
AL, Huntsville, U.S. Space & Rocket Center
AL, Mobile, Gulf Coast Exploreum Science Center
AR, Fayetteville, University of Arkansas, Center for Math and Science Education
AR, Hot Springs, Mid-America Science Museum
AR, Jonesboro, Arkansas State University Museum

WI, Green Bay, The Children's Museum of Green Bay
WI, Hudson, Space St. Croix, a STEAM Educational Nonprofit
WI, La Crosse, Children's Museum of LaCrosse
WI, Madison, Madison Metro School District (MMSD) Planetarium
WI, Menasha, Barlow Planetarium
WI, Milwaukee, Betty Brinn Children's Museum
WI, Milwaukee, Milwaukee Public Museum, Daniel M. Soref Planetarium
WI, Milwaukee, Urban Ecology Center
WI, Sheboygan, Above & Beyond Children's Museum
WI, Wausau, Planetarium of the Wausau School District
WV, Morgantown, Spark! Imagination and Science Center
WY, Casper, The Science Zone
WY, Riverton, Central Wyoming Children's Center for Art, Technology & Science (CATS)
WY, Thermopolis, Wyoming Dinosaur Center
OTHER

Organization Information

3. Which best describes your organization?

- ○ museum / science center / informal science education organization
- ○ college / university
- ○ other (please describe)

4. If your organization is a museum, please check boxes to indicate all types that apply:

- ☐ science or technology museum / science center
- ☐ children's museum
- ☐ art or history museum
- ☐ natural history museum or nature center
- ☐ emerging or developing museum
- ☐ planetarium
- ☐ observatory
- ☐ NASA Visitor Center
- ☐ other (please specify)

Toolkit events and use

5. Did you receive a physical Explore Science: Earth & Space toolkit for 2019?

- Yes
- No

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6. Did you host an Explore Science: Earth & Space event(s) between March - May 2019?

- Yes
- No

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7. **Collaboration**
Did you collaborate with other institutions on your Explore Science: Earth & Space event(s)?

Collaborators can include;
-one time or frequent interactions
-institutions that participate in public engagement at your location such as colleges, astronomy clubs, Solar System Ambassadors, volunteer groups, etc.
-institutions and groups that partner with you on outreach (K-12 schools, community centers, libraries, afterschool programs, etc.)
-institutions that help you with professional development or training

- Yes
- No

8. **Collaboration**
How many different institutions did you collaborate with on your Explore Science: Earth & Space event(s) this Spring?

For example, for your event(s) you may have collaborated with a Solar System Ambassador, an astronomy club, local college volunteer group, a college astronomer, a library, a girl scout troop, a K-12 school, and/or a few different organizations that may have provided volunteers for your event(s).

- 0
- 1
- 2
- 3
- 4
- 5
- 6-10
- 11 or more

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9. **Collaboration**

Please list the institutions with whom you collaborated on your Explore Science: Earth & Space event(s).
(If you did not collaborate with any other organizations please write "N/A")

10. **Your Event(s) Location(s)**

Please select the location(s) that best describes where you held your Explore Science: Earth & Space event(s).
(Please check all that apply)

- [ ] at a museum or science center
- [ ] at a planetarium
- [ ] at a university or college
- [ ] other - please describe

11. **Your Event**

Please briefly describe your 2019 Explore Science: Earth & Space event(s). Include the types of activities you offered, either from the toolkit or from another source, and how you worked with any collaborators.
(Maximum: 300 words)

Toolkit events audiences

12. **Audiences**

Please describe the types of audiences you intended to reach during your 2019 Explore Science: Earth & Space event(s).

(Maximum: 300 words)

13. **Audiences**

Please identify the underserved audiences you reached through your event(s).

(Please check all that apply)

- [ ] racial and ethnic minorities / communities of color
- [ ] American Indian / Alaska Native
- [ ] girls
- [ ] low-income / lower socio-economic status
- [ ] Spanish-speaking audiences
- [ ] other non-native English speakers
- [ ] disabled / differently abled
- [ ] rural
- [ ] inner city
- [ ] at-risk youth
- [ ] other underserved audiences *
- [ ] N/A

14. **Attendance**

Approximately how many people attended your event(s)?

Please estimate the total number of people you reached. If you held multiple types of events (lectures, hands-on activities, exhibits) or held events over multiple days, please try to estimate the overall attendance.

(Please enter numbers only)

15. **Attendance**
Please briefly describe how you came up with your attendance estimate.
(Maximum: 100 words)

Toolkit events and use

16. **Volunteers**
Please describe the volunteers that support your event(s) (including planning, logistics, presenting, and delivering hands-on activities).
(Please check all that apply)

- [ ] high school students
- [ ] undergraduate college students
- [ ] graduate students
- [ ] preK-12 education professionals (teacher, administrator, etc.)
- [ ] museum/informal learning education professionals (educators, program developers, etc.)
- [ ] science outreach professionals at a college or university
- [ ] Earth and space science professionals from a college or university
- [ ] Earth and space science enthusiasts or amateur astronomy club members
- [ ] family and/or friends of event staff
- [ ] volunteers from our existing volunteer pool
- [ ] N/A we did not have any volunteers at our event
- [ ] other - please describe

17. **Number of Volunteers**
Approximately how many volunteers did you have at your event(s)?

Please estimate the total number of volunteers at your event. If you held multiple types of events (lectures, hands-on activities, exhibits) or held events over multiple days, please try to estimate the overall number of volunteers.
(Please enter numbers only.)

18. **Toolkit Resources**
Which of these types of activities and experiences took place at your event(s)?

	Yes	No
Toolkit hands-on activities and demos	○	○
Longer educational program(s)	○	○
Guest speaker(s), lecture(s), or stage presentations	○	○
Videos and media	○	○
Additional activities pulled from nisenet.org or NISE Network's NASA Wavelength curated lists	○	○
Exhibits and/or displays	○	○
Other activities you or your collaborators created	○	○
Activities from other sources	○	○

19. **Spanish**
Did you use any of the Spanish-language materials from the toolkit?
(educational materials, banners, posters, or marketing materials)

- ○ Yes
- ○ No

20. **Training Materials**
Did you use any of the training materials from this year's toolkit?
(videos, slides, written materials, or event planning, partnership, and promotion guide)

- ○ Yes
- ○ No

Plans the rest of the year

21. **Plans For Using Your Toolkit**
Briefly describe how you plan to use the toolkit or activities in other contexts during the rest of the upcoming year:
(Maximum: 300 words)

22. **Apollo Moon Landing 50th Anniversary Events**

During the Apollo program of the 1960s and '70s, NASA sent nine missions to the Moon. Six of them landed astronauts safely on the surface, the only times humans have visited another world. July 20, 2019 marks the 50th anniversary of the first humans landing on the Moon on July 20, 1969 as part of NASA's Apollo 11 lunar mission.

The NISE Network has compiled a list of free Moon and Apollo anniversary resources here: http://www.nisenet.org/moon50

Are you planning any public events or programming around the Moon Landing 50th anniversary - Apollo 11?

- Yes
- No
- Don't know

23. **Plans For Apollo Moon Landing Events**

Briefly describe how you plan to use the Explore Science: Earth & Space Toolkit materials to engage audiences in the 2019 Apollo Moon landing anniversary

(If you are not planning an event please just write "N/A")
(Maximum: 300 words)

24. **Plans For Using Your Toolkit**

Including your Spring event, please identify approximately how often your organization used (or plans to use) toolkit materials over the course of a year?

	Not applicable to my organization	Daily	Several times a week	Once a week	Once a month	Several times a year	Once a year	Not sure
cart demonstrations / brief table top activities	○	○	○	○	○	○	○	○
longer museum programs (e.g. forums, classes, labs, science club)	○	○	○	○	○	○	○	○
K-12 school outreach (e.g. classes, field trips, science fair)	○	○	○	○	○	○	○	○
afterschool programming	○	○	○	○	○	○	○	○
special events (e.g. space events, Earth science events, family nights, festivals)	○	○	○	○	○	○	○	○
camps (e.g. summer camp, holiday camp, day camp)	○	○	○	○	○	○	○	○
local youth service organizations outreach (4-H, Boys & Girls Clubs of America, Boy Scouts of America, Girl Scouts, Girls Inc., PTA, the Y, YWCA, etc.)	○	○	○	○	○	○	○	○
library outreach	○	○	○	○	○	○	○	○
home school programs	○	○	○	○	○	○	○	○
adult-only events	○	○	○	○	○	○	○	○
lesson activities within college courses	○	○	○	○	○	○	○	○
longer term display of materials in public spaces (e.g. within exhibits, on the museum floor, on a table)	○	○	○	○	○	○	○	○
celestial events (e.g. star gazing, meteor showers, moon viewing, eclipses, etc.)	○	○	○	○	○	○	○	○

25. **Plans for Collaboration Throughout The Year**
Including your spring event and those you have already collaborated with, how many different institutions do you **plan** to collaborate with on your Earth & Space activities **during the entire year**.

For example, you would choose "6-10" if you have already collaborated with a Solar System Ambassador and an astronomy club on your event, and are planning to collaborate with a college astronomer, a library, a girl scout troop, an elementary school, and an afterschool youth program.

- 0
- 1
- 2
- 3
- 4
- 5
- 6-10
- 11 or more

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26. **Impact**
Please describe the overall impact Explore Science: Earth & Space event(s) and toolkit materials have had on your organization.
(Maximum: 1,000 words.)

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27. **Toolkit Anecdotes**
Please share one or two favorite anecdotes you may have from using the Explore Science: Earth & Space toolkit. These can be memorable visitor, volunteer, or staff experiences. If you don't have anything to share, please write "N/A".
(Maximum: 200 words)

Part 2: Optional Feedback

Page description:
Your feedback helps us improve and plan future NISE Network efforts and resources. Information from past reports and evaluation has led to improvements to the toolkits and the types of additional resources that the NISE Network provides.

For this last section your responses will not in any way affect your toolkit eligibility next year. You may skip this question or end the survey at any time by hitting the submit button at the bottom of the next page.

If you had any problems with the toolkit or issues you'd like us to address directly, please email bphan@smm.org

Thank you for taking the time to answer these questions.

28. **Toolkit Comments and Suggestions**
Do you have any comments about this year's Explore Science: Earth & Space toolkit, or suggestions to help us improve Explore Science: Earth & Space toolkit resources in the future?
(Maximum: 200 words)

Toolkit report complete

Thank you for taking the time to answer these questions! Your feedback is important to us.

Your 2019 Explore Science: Earth & Space report is now complete. You should receive an automated email from SurveyGizmo with a PDF of your completed report attached; you may need to check your email spam filter for the automated email.

As a special thank you for filling out the report by June 15th, your name will be entered into a drawing for educational materials to use with your visitors. Two drawings will be made, and winners will be notified in late July.

If you have any questions about this report or experienced any problems with the toolkit, please contact Brandon Phan at bphan@smm.org

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Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the view of the National Aeronautics and Space Administration (NASA).