



EXPLORE SCIENCE Earth & Space

Explore Science - Earth & Space Toolkit 2017 Report

Thank you for participating the NISE Network's 2017 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: **1.** A required report section, with questions about your 2017 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. **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, 2017. 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 15 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 download PDF format. If you have any questions about this survey, please contact KC Miller at kcmiller@smm.org.

This is the required Explore Science: Earth & Space report, with questions about your 2017 Explore Science: Earth & Space event(s) to help us understand the kinds of events that our partners host and how the toolkit materials are used. We 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.

1. Enter the name of a contact person and a shipping address for your kit (no P.O. boxes please).

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
- 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

Country *

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, University of Alaska Fairbanks - EarthScope National Office
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
AZ, Phoenix, Arizona Science Center
AZ, Tempe, Arizona State University, School for the Future of Innovation in Society (SFIS)
AZ, Tucson, Children's Museum Tucson
CA, Arcata, Humboldt State University Natural History Museum (HSU)
CA, Berkeley, Lawrence Hall of Science
CA, Chico, Gateway Science Museum (Cal State University Chico)
CA, Downey, Columbia Memorial Space Center
CA, Escondido, San Diego Children's Discovery Museum
CA, Irvine, Pretend City Children's Museum
CA, Los Angeles, California Science Center
CA, Modesto, Modesto Junior College - The Great Valley Museum Planetarium
CA, Moffett Field, NASA Ames Research Center
CA, Oakland, Chabot Space & Science Center
CA, Palmdale, AERO Institute
CA, Rancho Cordova, Sacramento Children's Museum
CA, Redding, Turtle Bay Exploration Park
CA, Sacramento, Powerhouse Science Center
CA, San Diego, Reuben H. Fleet Science Center
CA, San Francisco, California Academy of Sciences (Cal Academy)
CA, Temecula, Pennypickle's Workshop, the Temecula Children's Museum
CO, Denver, Denver Museum of Nature & Science
CO, Durango, Powerhouse Science Center (formerly Durango Discovery Museum)
CO, Greeley, Poudre Learning Center
CT, Bridgeport, Discovery Museum and Planetarium
CT, New Haven, Southern Connecticut State University
CT, Niantic, Children's Museum of Southeastern Connecticut
CT, Norwalk, Stepping Stones Museum for Children
DC, Washington, Smithsonian National Air and Space Museum
DE, Wilmington, Delaware Museum of Natural History (DMNH)
FL, Fort Lauderdale, Museum of Discovery and Science
FL, Fort Myers, Imaginarium Science Center
FL, Gainesville, Florida Museum of Natural History
FL, Marathon, Crane Point Museum and Nature Center
FL, Naples, Golisano Children's Museum of Naples
FL, Orlando, Orlando Science Center
FL, Pensacola, Pensacola MESS Hall
FL, St. Petersburg, Great Explorations, The Children's Museum
FL, Tallahassee, Challenger Learning Center - Tallahassee
FL, Tampa Bay, Museum of Science and Industry (MOSI)

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)

5. Did you receive a physical Explore Science: Earth & Space toolkit for 2017?

- Yes
- No

6. Did you host an Explore Science: Earth & Space event(s) between March - May 2017?

- Yes
- No

7. Collaboration

Did you collaborate with other organizations on your Explore Science: Earth & Space event(s)?

- Yes
- No

8. Collaboration

Please list the organizations 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")

9. 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

10. Your Event

Please briefly describe your 2017 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) *

11. Audiences

Please describe the types of audiences you intended to reach during your 2017 Explore Science: Earth & Space event(s).

(Maximum: 300 words) *

12. Audiences

Please categorize 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
- low-income / lower socio-economic status
- girls
- at-risk youth
- non-native English speakers
- disabled / differently abled
- rural
- inner city
- other underserved audiences
- N/A

*

13. 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) *

14. Attendance

Please briefly describe how you came up with your attendance estimate.

(Maximum: 100 words) *

15. Volunteers

Please describe the volunteers that support your event(s) (including planning, logistics, presenting, and delivering hands-on activities).

(Please check all that apply)

- N/A we did not have any volunteers at our event
- 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
- other - please describe

16. 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.)

17. Toolkit Resources

Which of these types of activities and experiences took place at your event(s)?

	Yes	No
Toolkit hands-on activities and demos	<input type="radio"/>	<input type="radio"/>
Longer educational program(s)	<input type="radio"/>	<input type="radio"/>
Guest speaker(s) or lecture(s)	<input type="radio"/>	<input type="radio"/>
Stage presentations and/or museum theater	<input type="radio"/>	<input type="radio"/>
Videos and media	<input type="radio"/>	<input type="radio"/>
Activities pulled from NISE Network's NASA Wavelength curated lists	<input type="radio"/>	<input type="radio"/>
Exhibits and/or displays	<input type="radio"/>	<input type="radio"/>
Other activities you or your collaborators created	<input type="radio"/>	<input type="radio"/>
Activities from other sources	<input type="radio"/>	<input type="radio"/>

18. Spanish

Did you use any of the following Spanish-language materials from the toolkit?

	Yes	No
Spanish-language educational materials	<input type="radio"/>	<input type="radio"/>
Spanish-language marketing materials (banners, ads, posters, or press release)	<input type="radio"/>	<input type="radio"/>

19. Training Materials

Did you use any of the following training materials from this year's toolkit?

You can see links to each: <http://www.nisenet.org/earthspacekit-2017>

	Yes	No
Event Planning and Promotion guide	<input type="radio"/>	<input type="radio"/>
Overview Activity Training slides	<input type="radio"/>	<input type="radio"/>
Activity Training videos	<input type="radio"/>	<input type="radio"/>
Content Training videos	<input type="radio"/>	<input type="radio"/>
Activity Facilitator guides (for individual hands-on activities)	<input type="radio"/>	<input type="radio"/>
Tips for Leading Hands-on Activities/ Difficult Concepts one-pager	<input type="radio"/>	<input type="radio"/>
Other training materials	<input type="radio"/>	<input type="radio"/>

20. 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)

*

21. Plans For Using Your Toolkit

Where do you do you plan to use your toolkit activities during the rest of the year?

(Please check all that apply) *

- ongoing programming at our facility
- collaborations with local youth service organizations
(4-H, Boys & Girls Clubs of America, Boy Scouts of America, Girl Scouts, Girls Inc., PTA, the Y, YWCA, etc.)
- family science nights
- afterschool programming
- special one-time events
- community events
- summer camp programming
- library outreach
- K-12 school outreach
- home school programs
- adult-only events
- celestial events (such as star gazing, meteor showers, moon viewing, etc.)
- solar eclipse (August 21, 2017)
- other
- N/A

*

22. 2017 Solar Eclipse

Are you planning to hold any special events or activities related to the August 21, 2017 total solar eclipse? If so, how do you expect to use the Explore Science: Earth & Space Toolkit materials to engage audiences in the 2017 total solar eclipse? *If you're not planning anything related to the eclipse just write "n/a".*

(Maximum: 100 words)

23. Impact

Please describe the overall impact Explore Science: Earth & Space event(s) and toolkit materials have had on your organization.

(Maximum: 1,000 words.)

24. Toolkit Feedback

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, feel free to write "n/a".

(Maximum: 200 words)

Page description:

Part 2: Feedback

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 kits and the types of additional resources that the NISE Net provides.

For these last questions, your response will not in any way affect your toolkit eligibility next year. You may skip these questions 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 kcmiller@smm.org

Thank you for taking the time to answer these questions.

25. Professional Development

The NISE Network wants to be sure we are using our limited resources to best provide professional development for our partners. For future planning, we are interested in understanding the value of different professional development resources and opportunities for you and/or your organization. **Please rate the value of the following formats to you and your organization.**

	Not at all valuable	Slightly valuable	Valuable	Very valuable
Four-week online workshop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
One-hour online workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Training videos	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In-person workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26. Professional Development

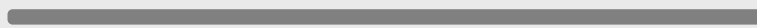
Please rate the likelihood that you would make use of the following resources in the future.

	Not at all likely	Slightly likely	Likely	Very likely
Four-week online workshop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
One-hour online workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Training videos	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In-person workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information on additional assets and products related to Earth and space science you can use alongside toolkit materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. Professional Development

For a professional development opportunity, how much time would you want spent on scientific content versus facilitation / pedagogical techniques?

Scientific content



Facilitation / pedagogical techniques?

28. Toolkit Resources

Please rate the likelihood that you would make use of the following resources in the future.

	Not at all likely	Slightly likely	Likely	Very likely
Hands-on activities (similar to those included in this year's toolkit)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summer camp/afterschool framework (describing how to use toolkit materials for camp and afterschool programs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handheld mobile device pre-loaded with videos and interactive games/apps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Citizen science activities related to Earth and space science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. 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 2017 Explore Science: Earth & Space report is now complete. You should receive an automated email from KC Miller of the Science Museum of Minnesota (kcmiller@smm.org) 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 June.

If you have any questions about this report, please contact KC Miller at kcmiller@smm.org

If you had any problems with the toolkit please contact KC Miller at kcmiller@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).