# Explore Science - Earth & Space Toolkit 2018 Report

## Part 1 - Contact information

Thank you for participating the NISE Network’s 2018 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 2018 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.

**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, 2018. 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 http://www.nisenet.org/earthspacekit. If you have any

questions about this survey, please contact Thai Chang at tchang@smm.org.

This is the required Explore Science: Earth & Space report, with questions about your

2018 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

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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.

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## 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): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Kit events and use

#### 5) Did you receive a physical Explore Science: Earth & Space toolkit for 2018?

( ) Yes

( ) No

#### 6) Did you host an Explore Science: Earth & Space event(s) between March - May 2018?

( ) Yes

( ) No

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

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( ) 11 or more

### 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")

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#### 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 2018 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)

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## Kit events audiences

### 12) ****Audiences****Please describe the types of audiences you intended to reach during your 2018 Explore Science: Earth & Space event(s). (Maximum: 300 words)

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#### 13) AudiencesPlease 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

[ ] girls

[ ] low-income / lower socio-ecomic 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)

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## Kit 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)

[ ] 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### 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.)

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#### 18) Toolkit ResourcesWhich 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 | ( )  | ( )  |
| Activities pulled from 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 and promotion guide)

( ) Yes

( ) No

## Plans the rest of the year

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

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#### 22) ****National Chemistry Week - October 2018****This year's National Chemistry Week theme is "****Chemistry is Out of This World"****focusing on chemistry of air, plants and water in the outer space.The NISE Network currently has applications open for a free Explore Science: Le'ts Do Chemistry kit that includes several space-themed hands-on chemistry activities; applications are due June 1st: [http://www.nisenet.org/chemistry-apply](%22%20%5Ct%20%22_blank)The NISE Network will also share related information here: [http://www.nisenet.org/national-chemistry-week](http://www.nisenet.org/national-chemistry-week%22%20%5Ct%20%22_blank)****How likely are you to hold  a special events or activities related to National Chemistry Week in October 2018?****

( ) not likely

( ) somewhat likely

( ) likely

( ) very likely - our event is already planned

#### 23) 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.) | ( )  | ( )  | ( )  | ( )  | ( )  | ( )  | ( )  | ( )  |

#### 24) ****Collaboration through the year****Including your Spring event, how many different institutions did you collaborate (or plan to collaborate) with on your Earth & Space activities  during the entire year. For example you might collaborate with  a Solar System Ambassador, an astronomy club, local college volunteer group(s), a college astronomer, a library, a girl scout troop, three K-12 schools, and a few different organizations that may have provided with volunteers for your event(s).

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( ) 11 or more

### 25) ****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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### 26) ****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, feel free to write "n/a".(Maximum: 200 words)

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## Part 2: Optional Feedback

**Part 2: Optional 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 tchang@smm.org

Thank you for taking the time to answer these questions.

### 27) ****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)

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## Toolkit report complete

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

 **Your 2018 Explore Science: Earth & Space report is now complete. You should receive an automated email from Thai Chang of the Science Museum of Minnesota (****tchang@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 Thai Chang at** **tchang@smm.org****If you had any problems with the toolkit please contact Thai Chang at** **tchang@smm.org****-------------------------
This material is based upon work supported by NASA under cooperative agreement award number NNX16AC67A.

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).**