

# Explore Science - Earth & Space Toolkit 2017 Application

## Your Name and Organization

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The National Informal STEM Education Network (NISE Net) is pleased to offer free Explore Science: Earth & Space toolkits to new and existing eligible partners located in the United States.

Please fill out this application to be considered for a 2017 Explore Science: Earth & Space toolkit designed to engage museum audiences in the United States. In collaboration with NASA, the NISE Network has assembled a new set of engaging, hands-on Earth and space science experiences with connections to science, technology, and society.

Applications for 2017 physical kits will be accepted from September 1, 2016 through November 4, 2016. A total of 250 toolkits will be awarded. Kits will be shipped in early 2017.

Before completing this application please read the toolkit application overview carefully. The overview describes the project goals, eligibility, and reporting requirements, and is available here: <http://www.nisenet.org/earthspacekit-apply>  
In addition to the physical toolkits, all digital materials will be available online for free download

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 the application in PDF and Word document formats here: <http://www.nisenet.org/earthspacekit-apply>

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 \*

Country \*

United States

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, Alaska Museum of Science and Nature  
AK, Anchorage, Anchorage Museum (and former Imaginarium)  
AK, Fairbanks, Fairbanks Children's Museum  
AK, Fairbanks, University of Alaska Museum of the North  
AK, Juneau, Alaska State Museum  
AK, Kenai, Challenger Learning Center of Alaska  
AL, Birmingham, McWane Science Center  
AL, Decatur, Cook Museum  
AL, Huntsville, U.S. Space & Rocket Center  
AL, Mobile, Gulf Coast Exploreum Science Center  
AL, Mobile, GulfQuest National Maritime Museum  
AL, Montgomery, Children's Museum of Alabama  
AL, Montgomery, Troy University - W.A. Gayle Planetarium  
AL, Tuscaloosa, Children's Hands On Museum  
AR, Fayetteville, University of Arkansas, Center for Math and Science Education  
AR, Hot Springs, Mid-America Science Museum  
AR, Jonesboro, Arkansas State University Museum  
AR, Little Rock, Arkansas Discovery Network  
AR, Little Rock, Museum of Discovery  
AR, Monticello, University of Arkansas at Monticello  
AR, Pine Bluff, Arts and Science Center for Southeast Arkansas  
AR, Smackover, Arkansas Museum of Natural Resources  
AZ, Flagstaff, Lowell Observatory  
AZ, Grand Canyon Village, Grand Canyon Visitor Center  
AZ, Mesa, i.d.e.a. Museum (formerly Arizona Museum for Youth)  
AZ, Peoria, Challenger Space Center Arizona  
AZ, Phoenix, Arizona Science Center  
AZ, Prescott, the spot...a Child's Museum (Children's Museum Alliance)  
AZ, Tempe, Arizona State University, School for the Future of Innovation in Society (SFIS)  
AZ, Tucson, Children's Museum Tucson  
AZ, Tucson, Flandrau: The University of Arizona Science Center/Mineral Museum  
CA, Atwater, Challenger Learning Center of the San Joaquin Valley  
CA, Berkeley, Lawrence Hall of Science  
CA, Chico, Gateway Science Museum (Cal State University Chico)  
CA, Cupertino, De Anza College - Fujitsu Planetarium

## Organization Information

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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. **Budget:** What is the annual operating budget of your museum or organization? \*

- under \$250,000
- \$250,000 - \$500,000
- \$500,000 - \$1 million
- \$1 - \$2.5 million
- \$2.5 - \$6.5 million
- over \$6.5 million
- Comment about annual operating budget (if needed)

6. **Setting:** Please categorize your organization's location. \*

- urban - large city (> 250,000)
- urban - mid-sized city (100,000 - 250,000)
- urban - small city (< 100,000 )
- suburban
- rural

7. **Annual On-Site Attendance:** How many visitors does your organization reach each year **at your facility**?

If you do not serve on-site visitors at your facility, please enter zero.  
Please enter numbers only.

### 8. Annual On-Site Attendance Comments:

Please briefly describe how your organization determines annual on-site attendance.

For example, do you use ticket sales, gate entrance, program registration, visitor logs, staff estimates, or other ways to estimate?

(Limit: 300 words)

### 9. Annual Off-Site Attendance: How many visitors does your organization reach each year at locations **outside your facility**?

If you do not serve off-site visitors or do not have an estimate for number of people served annually, please leave blank.

Please enter numbers only.

### 10. Annual Off-Site Attendance Comments:

Please briefly describe how your organization determines annual off-site attendance.

For example, do you use program registration, visitor logs, staff estimates, or other ways to estimate?

(Limit: 300 words)

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### Describe your plans

### 11. Your Event Plans

Briefly describe your plans for organizing events or activities during March through May 2017. Please include the type of event, location, intended audience, collaborators, and any other details you feel are important. (Limit: 300 words) \*

## 12. Audiences

Please categorize the underserved audiences you hope to reach 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. Using your toolkit in addition to your required event

Please indicate where you might 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 wclipse (August 21, 2017)
- other
- N/A

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#### 14. Plans for using your toolkit at other times during the year

Briefly describe how you plan to use the toolkit or activities in other contexts in addition to the required event described above. Strong applications will include plans for using the toolkit during the rest of the year.

(Limit: 300 words)

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#### Professional Development Opportunities

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##### Page description:

We are planning to offer two different kinds of free online workshops focused on engaging the public in Earth and space sciences:

- 1) a series of one-hour drop-in online workshops on a variety of topics
- 2) a three-week online training in Spring 2017

### 15. Series of one-hour online workshops on a variety of topics

To help us plan and gauge interest in different topics, please rate you or your staff's interest in the following free one-hour online workshops.

	Not at all interested	Somewhat interested	Interested	Very interested
Finding and collaborating with astronomy experts and volunteers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What's in your Explore Science: Earth & Space toolkit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science behind the Explore Science: Earth & Space toolkit activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tips for planning your August 21, 2017 solar eclipse event	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How to find NASA resources – a tour of materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strategies for addressing Earth and space science misconceptions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ask an astronomer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Partners sharing experiences about their events and programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16. Are there other topics you would like to see covered in a one-hour online workshop?

## 17. Three-week online training in early 2017

In early 2017, the NISE Network will be hosting a three-week online training on Earth and space science. Participants will learn methods and best practices for engaging visitors using the new Explore Science: Earth & Space toolkit. Workshop participants will spend approximately 4 hours per week on tasks related to the workshop (12 hours overall). There will be a weekly live one-hour webinar, and the rest of the tasks – which will include forum discussions, videos, readings, and hands-on activities – can be completed as they best fit into your own schedule.

To help us plan and gauge interest, please rate you or your staff's interest in participating in the three-week online training.

	Not at all interested	Somewhat interested	Interested	Very interested
three-week online training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Toolkit use agreement

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If you are selected to receive a toolkit, you are expected to:

- **Hold at least one event in March - May 2017**
- **Submit an online event report by June 15, 2017**

The NISE Network will provide a template for the event report. If you find that you cannot use the toolkit materials, you may be asked to return them or distribute them to another user.

18. Do you agree to these terms? \*

- Yes
- No

## Toolkit application complete

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Thank you!

Your application for an Explore Science: Earth & Space toolkit 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 application attached; you may need to check your email spam filter for the automated email.

You will be contacted by a NISE Network representative if there are additional questions about your application. You can expect to hear about the status of your kit application in late December.

If your status changes or you have additional questions, feel free to contact us at kcmiller@smm.org

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