



Learn More About the 2020 Explore Science: Earth & Space Toolkit

Online Workshop Summary of Resources
9-10-2019

Online Workshop Presenters

- **Brad Herring**, Museum of Life and Science
- **Darrell Porcello**, Children's Creativity Museum
- **Frank Kusiak**, Lawrence Hall of Science
- **Christian Wong**, Hawaii Science and Technology Museum
- **Katherine Hunt**, Ingram Planetarium
- **Karen Pac**, Imagine Nation, A Museum Early Learning Center

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/359328571>

Online Workshop Links and Resources

NISE Network Resources

- Contact your Regional Hub Leader with questions:
<https://www.nisenet.org/contact>
- About NISE Net's Earth and Space Project: <https://www.nisenet.org/space>
- Previous Explore Science: Earth & Space toolkits (2017, 2018, and 2019):
<http://www.nisenet.org/earthspacekit>
- **Online submission: Applications for the Explore Science: Earth & Space 2020 toolkit must be submitted online using SurveyGizmo by November 1, 2019**
 - Preview the application: <http://www.nisenet.org/earthspacekit-apply>
 - SurveyGizmo application link:
<https://www.surveymzmo.com/s3/5165260/Earth-Space-Toolkit-2020-Application>
- Using your toolkit year round: <https://www.nisenet.org/seasons>

Resources and Tips for Building Community Partnerships and Collaborations

- NISE Net Museum & Community Partnerships Guide:
<http://www.nisenet.org/collaboration-guide>
- NISE Net 2019 Explore Science: Earth & Space Planning, Partnership, and Program Guide (see Collaborations & Partnerships on pages 20-24):
https://www.nisenet.org/sites/default/files/exsci_space_planningpartnershipprogramguide_2019.pdf

- The Solar System Ambassadors Program (SSA):
<https://solarsystem.nasa.gov/ssa/home.cfm>
- The Night Sky Network: <https://nightsky.jpl.nasa.gov/index.cfm>
- AAS Astronomy Ambassadors:
<https://aas.org/outreach/roster-aas-astronomy-ambassadors>

Partner Resources

Museum without Borders

Christian Wong, Hawaii Science and Technology Museum

- Videos shared can be found on the Museum’s Twitter account [@HawaiiScience](https://twitter.com/HawaiiScience)
 - 2019 Women’s STAR Program:
<https://twitter.com/HawaiiScience/status/1146554602206056448>
 - Footage from 2018 volcanic eruptions:
<https://twitter.com/HawaiiScience/status/1146955258867773440>
<https://twitter.com/HawaiiScience/status/1152461080825700352>
 - Science Nights at local school using activities from Earth & Space toolkit
<https://twitter.com/HawaiiScience/status/1167103042040152065>

Planetarium Earth & Space Toolkit “Hack”

Katherine Hunt, Ingram Planetarium

- Full Planetarium Kit Extension - Google folder with the activities, images and models:
<https://drive.google.com/drive/folders/1o6C0iq0m8RvmaVgZ30Faht5YJfGvNYD>
- Suggested Earth & Space toolkit activities to integrate into planetarium shows:
 - Explore the Universe: Imagining Life:
<https://www.nisenet.org/catalog/exploring-universe-imagining-life>
 - Explore the Universe: Ice Orbs
<https://www.nisenet.org/catalog/exploring-universe-ice-orbs>
- Night Sky Network – Life in the Extreme activity
https://nightsky.jpl.nasa.gov/download-view.cfm?Doc_ID=480

Making the Most of Your Toolkits with Young Children

Karen Pac, Imagine Nation, A Museum Early Learning Center

- Exploring the Solar System: Hide and Seek Moon:
<https://www.nisenet.org/catalog/exploring-solar-system-hide-and-seek-moon-2018>
- Exploring Earth: Temperature Mapping:
<https://www.nisenet.org/catalog/exploring-earth-temperature-mapping-2019>
- Exploring the Universe: Craters:
<https://www.nisenet.org/catalog/exploring-solar-system-craters-2018>
- Exploring the Universe: Stomp Rockets:
<https://www.nisenet.org/catalog/exploring-solar-system-stomp-rockets-2018>

NISE Network Upcoming Online Workshops

- 10/8/19: Empowering Girls in Science Through Growth Mindset and the New Girl Scout Space Science Badges:
<https://www.nisenet.org/events/online-workshop/online-workshop-empowering-girls-science-through-growth-mindset-and-new-girl>
- 11/19/19: Programming for Audiences with Special Needs:
<https://www.nisenet.org/events/online-workshop/online-workshop-programming-audiences-special-needs>
- NISE Network Upcoming Online Workshops: <http://nisenet.org/event-type/online-workshop>

Additional Resources

- NASA's Museum Alliance: <https://informal.jpl.nasa.gov/museum/>
- Explore Science: Earth & Space toolkit forum on Ryver:
<https://museumalliance.ryver.com/application/signup/guests/TGcXfWsrarSC7I>
- Ryver link to extending the Earth and Space Online Workshop conversations:
<https://museumalliance.ryver.com/#posts/2168096>

Staying Connected to the NISE Network

- Subscribe to the monthly newsletter: <https://www.nisenet.org/newsletter>
- Follow NISE Net on social networking: <https://www.nisenet.org/social>
- Contact your Regional Hub Leader with questions:
<https://www.nisenet.org/contact>



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