



Online Workshop: Celebrating Earth Day 2020 at Home

Online Workshop Summary of Resources

April 7, 2020

ONLINE WORKSHOP PRESENTERS

- Brad Herring, Museum of Life and Science, NC
- Darrell Porcello, Children’s Creativity Museum, CA
- Jeannie Colton, Dean Frias, and Nich Weller, Arizona State University, AZ

WORKSHOP RECORDING

- Workshop recording (Vimeo): <https://vimeo.com/405172021>
- NISE Net workshop product page
<https://www.nisenet.org/catalog/online-workshop-celebrating-earth-day-2020-home-recorded>

WORKSHOP RESOURCES AND LINKS

- Coronavirus resources and Network response: <https://www.nisenet.org/coronavirus>
- NISE Net Do Science at Home resources: <https://www.nisenet.org/athome>
- NISE Net Creative Commons & Copyright
 - https://www.nisenet.org/development_process
 - <http://bit.ly/PublisherCopyright>
- NISE Net curated Earth Day 2020 – 50th Anniversary activities and resources
<https://www.nisenet.org/earth50>
- Exploring Earth: Paper Mountains
<https://www.nisenet.org/catalog/exploring-earth-paper-mountains-2018>
- Explore Science: Earth & Space toolkit extensions for hands-on activities (refer to Paper Mountains specifically)
<https://www.nisenet.org/earthspacekitextensions>
- NISE Net Sustainable Futures programs and activities, and staff development resources
<https://www.nisenet.org/sustainable-futures>
- Games for the Future set of three hands-on activities
<https://www.nisenet.org/catalog/games-future>
- Watch and Create! Creativity For Sustainability hands-on activity
<https://www.nisenet.org/catalog/watch-and-create-creativity-sustainability>

- Howtosmile: digital library of over 3000 hands-on STEM activities
<https://www.howtosmile.org/>
 - Earth Day at home for young learners activity list
<https://www.howtosmile.org/list/28190>
- DIY Lake Science printable activities: <http://bit.ly/diylakesci>
- Platforms for finding Citizen Science projects that can be done online and at home
 - www.scistarter.org
 - www.zooniverse.org
- SciStarter curated page that features projects you can do at home for different age groups
<https://scistarter.org/asu-scienceathome>
- American Chemical Society (ACS) and Chemists Celebrate Earth Week (CCEW) takes place April 19-25. Learn how to host a virtual event and explore online resources
<https://www.acs.org/content/acs/en/education/outreach/ccew.html>
 - CCEW 2020 Protecting Our Planet through Chemistry resources
<https://www.acs.org/content/acs/en/education/outreach/ccew/educational-resources.html>
- NASA at Home resources
 - <https://www.nasa.gov/specials/nasaathome/>
 - <https://science.nasa.gov/get-involved/nasaathome>
 - <https://www.jpl.nasa.gov/edu/>
 - <https://www.nasa.gov/stem>

NISE Net online workshops

[View online workshop archive](#)

- Informal Get-Together: Sharing Resources & Strategies for Engaging & Supporting our Communities during COVID-19 – [View 3-31-2020 online workshop recording and resources](#)

SHARED PARTNER RESOURCES & RECOMMENDATIONS

Earth Day activities and resources

- Howtosmile: Create your own time capsule
<https://www.howtosmile.org/resource/smile-000-000-001-891>
- One Earth Film Festival – Participate in an Earth Week Virtual Mini Film Festival
<https://www.oneearthfilmfest.org/>
- Photovoice – a research methodology that provides a structure and process for participants to capture and share visual representations of their everyday lives and discuss the challenges and opportunities the photos reveal.
https://www.nisenet.org/sites/default/files/catalog/uploads/photovoice_training_guide.pdf

STEM kit ideas

- **Mobius Children’s Museum and Science Center in Spokane, WA:** Mobius is rolling out STEM kits through existing school meal distribution programs. Utilizing grant funds to assemble and deliver about 100 kits for 4-5 school sites per week with activities for grades K-3 and 4-8. Ideas include owl pellets, bridge building, as well as numerous NISE Net activities adapted for at-home learning. To learn more, contact Jake Milliron, Outreach Education Manager, jmilliron@mobiusspokane.org
- **Coastal Maine Botanical Gardens in Boothbay, ME:** Providing 200 mini-garden kits that includes a fiber garden pak, seeds, and planting instructions and will be included with a free school lunch pick-up. To learn more, contact Erika Huber, Youth and Family Program Coordinator, ehuber@mainegardens.org.
- **North Museum of Nature and Science in Lancaster, PA:** Virtual STEM Box program for digital download and physical STEM Take Home Boxes (paid): <https://northmuseum.org/north-museum-home/>
- **Mounts Botanical Garden in West Palm Beach, FL:** Planning community collaborative activity guide with local informal science educators/organizations, where each organization sponsors one at-home activity such as a recycled planters, at-home birding guides, and more.
- **Greenfield Community Science Workshop in Greenfield, CA**
Bags Full of Science is a science kit that contains the materials a student and their family need in order to build a project or carry out science activity
<https://ci.greenfield.ca.us/413/Bags-Full-of-Science>

STAYING CONNECTED TO THE NISE NETWORK

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

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