



**ONLINE**  
WORKSHOPS

# The Science Behind the 2018 Explore Science: Earth and Space Toolkit - Exploring Earth and the Solar System

Online Workshop Summary of Resources  
2-27-2018

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## Online Workshop Presenters

- Darrell Porcello, Ph.D, NISE Net Earth & Space, Co-I
- Laura Peticolas, Ph.D, Space Scientist and Science Educator
- Frank Kusiak, M.A., NISE Net Western Regional Hub Leader
- Lindsay Bartolone, M.S., NISE Net Earth & Space Content Expert

## Recording of the Online Workshop

- <https://vimeo.com/258292911>

## Workshop Resources

- Sonoma State Education and Public Outreach website  
<http://epo.sonoma.edu/>
- More about the A-train satellites  
<https://atrain.nasa.gov/>
- Images of Change website for before & after satellite photos  
<https://climate.nasa.gov/images-of-change>
- Lunar Reconnaissance Orbiter mission page  
<https://lunar.gsfc.nasa.gov/>
- DIY Sun Science with live views of the Sun via Solar Dynamics Observatory  
<https://www.lawrencehallofscience.org/do-science-now/science-apps-and-activities/diy-sun-science>
- NISE Network NASA Wavelength profile  
<http://nasawavelength.org/users/nisenet>
- NISE Network NASA Wavelength list of activity extensions for 2018 toolkit  
<http://nasawavelength.org/list/2022>

- **NISE Network Sun Earth Universe exhibition application (due May 1, 2018)**  
<http://www.nisenet.org/sunearthuniverse>
- **Universe of Learning & ASTC webinars information**  
<http://www.astc.org/profdev/universe-learning-webinars/>

## 2018 Explore Science: Earth & Space Activity Demos

- **Exploring Earth: Paper Mountains activity**  
<http://www.nisenet.org/catalog/exploring-earth-paper-mountains-2018>
- **Exploring the Solar System: Craters activity**  
<http://www.nisenet.org/catalog/exploring-solar-system-craters-2018>
- **Exploring the Solar System: Magnetic Fields activity**  
<http://www.nisenet.org/catalog/exploring-solar-system-magnetic-fields>
- **Exploring the Solar System: Stomp Rockets activity**  
<http://www.nisenet.org/catalog/exploring-solar-system-stomp-rockets>
- **Stomp Rockets poster with instruments and atmosphere layers**  
[http://www.nisenet.org/sites/default/files/exsci\\_space\\_rockets\\_poster.pdf](http://www.nisenet.org/sites/default/files/exsci_space_rockets_poster.pdf)

## 2018 Explore Science: Earth & Space Digital Toolkit Resources

- **Download digital toolkit**  
<http://www.nisenet.org/earthspacekit-2018>
- **Explore Science: Earth & Space toolkit training and content videos**  
<https://vimeopro.com/nisenet/explore-science-earth-space>

## Relevant Online Workshops

- **Learn More about the 2018 Explore Science: Earth & Space Toolkit recording and resources**  
<http://nisenet.org/catalog/online-workshop-whats-your-2018-explore-science-earth-space-toolkit-recorded>



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