



**ONLINE
WORKSHOPS**

Online Workshop: Kick-Start Your Planning for 2023 and 2024 Solar Eclipse Events

Online Workshop Summary of Resources

October 25, 2022

Online Workshop Presenters

- **Christina Leavell**, NISE Network Community Manager, Arizona State University
- **Dr. Laura Peticolas**, Sonoma State University, NASA's Neurodiversity Network (N3)
- **Carolyn Ng**, NASA Goddard Space Flight Center, NASA Heliophysics Education Activation Team (HEAT)
- **MaryKay Severino**, ARISA Lab LLC., Eclipse Soundscapes: Citizen Science Project
- **Vivian White**, Astronomical Society of the Pacific, NASA Night Sky Network
- **Dennis Schatz** National Science Teachers Association (NSTA)
- **Robyn Higdon**, Exploratorium, Navigating the Path of Totality Program

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/nisenet/kickstartplanningeclipse2023and2024>

Online Workshop Links and Resources

NISE Network Resources

- Solar Eclipses - a Comprehensive List of Resources for Audience Engagement and Events: <https://www.nisenet.org/solareclipse>
 - Hands-on Activities
 - At-Home Activities and Apps
 - Safe Viewing Techniques
 - Affordable Eclipse Glasses
 - Shadows, Pinhole Viewers, and Projections
 - Community Event Planning and Preparation
 - Handouts
 - Finding STEM Experts
 - Live Streaming of the Solar Eclipse
 - Citizen Science Projects
 - Multimedia - Animations and Visualizations
 - Promotional Images
 - Slides
 - Videos

- Training
- Books
- Tactile Books
- DIY Sun Science App: <https://www.nisenet.org/diy-sun-science-app>

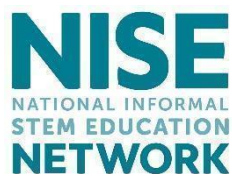
Additional Resources

- NASA's New Eclipse Website: <https://solarsystem.nasa.gov/eclipses/home/>
- American Astronomical Society (AAS) Resources:
 - Solar Eclipse Across America: <https://eclipse.aas.org/>
 - Eclipse Maps, Globes, and Calculators: <https://eclipse.aas.org/resources/maps>
 - Additional Solar Eclipse Planning Workshops: <https://eclipse.aas.org/workshops>
 - How and Why Solar Eclipses Happen: <https://eclipse.aas.org/eclipse-america/how-why>
- Great American Eclipse - Maps, Info, and More: <https://www.greatamericaneclipse.com>
- Interactive Maps (Google Maps): http://xjubier.free.fr/en/site_pages/solar_eclipses/ASE_2023_GoogleMapFull.html
- Solar Viewing Advice from NASA's Museum & Informal Education Alliance: <https://informal.jpl.nasa.gov/museum/content/solar-viewing-glasses> (log-in required)
- How to Tell If Your Eclipse Glasses or Handheld Solar Viewers Are Safe: <https://eclipse.aas.org/eye-safety/iso-certification>
- Eclipse Glasses and Solar Viewer Sources:
 - Rainbow Symphony: <https://www.rainbowsymphony.com/collections/eclipse-glasses-safe-solar-viewers>
 - American Paper Optics: <https://www.eclipseglasses.com/collections/eclipse-glasses-stock>
 - Thousand Oaks Optical: <https://thousandoaksoptical.com/products/eclipse/>
 - EclipseGlasses.com (educator discount): <https://www.eclipseglasses.com/>
- NASA Heliophysics Education Activation Team (HEAT): <https://science.nasa.gov/science-activation-team/nasa-heliophysics-education-activation-team>
- Google Form Signup to Receive NASA Updates for Non-NASA Funded Eclipse Enthusiasts: https://docs.google.com/forms/d/e/1FAIpQLScVGuXJeOHKVCWl8I-mM5HsBHTI-ooFMi9XJ939WZ_IzmTGQg/viewform
- Eclipse Soundscapes: <https://eclipsesoundscapes.org/>
- "Getting a Feel for Eclipses" Tactile Book (available from NASA SSERVI Tactile and Braille Books): <https://sservi.nasa.gov/books/>
- Eclipse Ambassadors Program: <https://astrosociety.org/education-outreach/amateur-astronomers/eclipse-ambassadors/program.html>

- NSTA Eclipses Collection (the 2017 insert will be updated soon and freely available for download): https://my.nsta.org/collection/Or_slClpjoYE_E
- SEAL - Solar Eclipse Activities for Libraries from STARnet: <https://www.starnetlibraries.org/about/our-projects/solar-eclipse-activities-libraries-seal/>
- Exploratorium Live Stream Resources:
 - <https://www.exploratorium.edu/eclipse>
 - Total Solar Eclipse App: <https://www.exploratorium.edu/explore/apps>
- GBH Bringing the Universe to America’s Classrooms: https://lsintsp3.wgbh.org/en-us/lesson/buac18-il-noeclipsemonthly/1?as_guest
- Books
 - “Celebrating the 2017 Great American Eclipse: Lessons Learned from the Path of Totality” (available from the Astronomical Society of the Pacific): <https://myasp.astrosociety.org/product/CS516/vol-516-celebrating-the-2017-great-american-eclipse-lessons-learned-from-the-path-of-totality>
 - “When the Sun Goes Dark” by Dennis Schatz and Andrew Fraknoi (available from NSTA): <https://my.nsta.org/resource/108257>
 - “Solar Science: Exploring Sunspots, Seasons, Eclipses, and More” by Dennis Schatz and Andrew Fraknoi (available from NSTA): <https://my.nsta.org/resource/102100/solar-science-exploring-sunspots-seasons-eclipses-and-more>

Connect with the NISE Network

- How to Get Started: <https://www.nisenet.org/gettingstarted>
- Contact: <https://www.nisenet.org/contact>
- Newsletter: <https://www.nisenet.org/newsletter>
- Social Media: <https://www.nisenet.org/social>
- Events: <https://www.nisenet.org/events-all>
- Events for Professionals: <https://www.nisenet.org/events>
- Browse by Themes: <https://www.nisenet.org/browse-topic>
- Professional Learning: <https://www.nisenet.org/pd>



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