



NISE
NETWORK

ONLINE
WORKSHOPS

Totality or Bust! Partners Talk Planning for the 2024 Total Solar Eclipse

Online Workshop Summary of Resources
January 9, 2024

Online Workshop Presenters

- **Christina Leavell**, Arizona State University, NISE Network
- **Dan Schneiderman**, Rochester Museum & Science Center (RMSC) in Rochester, NY
- **Patsy Rueblin**, Bootheel Youth Museum in Malden, MO
- **LeKeisha Harding**, Thinkery in Austin, TX
- **Amy Sayle**, Morehead Planetarium and Science Center in Chapel Hill, NC
- **Amber Shive**, Fort Worth Museum of Science and History in Fort Worth, TX
- **Don Riefler**, Children’s Museum of Indianapolis in Indianapolis, IN

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/nisenet/totalityorbust2024>

Online Workshop Links to Resources Shared During the Workshop

NISE Network Resources

- NISE Network Compilation of Solar Eclipse Resources:
<https://www.nisenet.org/solareclipse>
- Preparing for a Solar Eclipse Presentation Slides (for public or professional audiences):
<https://www.nisenet.org/solareclipseslides>
- NISE Network Hands-on Eclipse Activities with Downloadable Guides & Training Videos:
 - Exploring the Solar System: Big Sun, Small Moon
<https://www.nisenet.org/catalog/exploring-solar-system-big-sun-small-moon>
 - Exploring the Solar System: Solar Eclipse
<https://www.nisenet.org/catalog/exploring-solar-system-solar-eclipse>
 - Exploring the Solar System: Observe the Sun
<https://www.nisenet.org/catalog/exploring-solar-system-observe-sun>
 - Exploring Earth: Bear’s Shadow
<https://www.nisenet.org/catalog/exploring-earth-bears-shadow>
- DIY Solar System App: <https://nisenet.org/diy-solar-system-app>
- DIY Sun Science App: <https://www.nisenet.org/diy-sun-science-app>
- Compilation of Astronomy & Space Science Hands-on Activities & Resources:
<https://www.nisenet.org/astronomy>
- All NISE Network Activity Kits: <https://nisenet.org/kits>
- Browse All Activities by Topic: <https://www.nisenet.org/browse-topic>
- NISE Network Inclusive Audiences Approach using Universal Design Principles:
<https://www.nisenet.org/Audiences>

Find Specific Eclipse Viewing Times Near You

- Eclipse Map — April 8, 2024: <https://www.timeanddate.com/eclipse/map/2024-april-8>
- Xjubier Map - One of the most detailed maps:
http://xjubier.free.fr/en/site_pages/solar_eclipses/TSE_2024_GoogleMapFull.html
- EclipseWise:
<https://eclipsewise.com/solar/SEgmapx/2001-2100/SE2024Apr08Tgmapx.html>

Eclipse Livestreams

- Exploratorium Livestreams: <https://www.exploratorium.edu/eclipse/livestream>
- Watch a Solar Eclipse On-the-go with the App:
<https://www.exploratorium.edu/eclipse/total-solar-eclipse-app>

Cultural Connections

- Numerous Resources on the NISE Network Solar Eclipse Page (see “Cultural Connections” for more): <https://www.nisenet.org/solareclipse>
- Navajo Knowledge of the Cosmos:
<https://www.exploratorium.edu/eclipse/navajo-understanding-eclipses>

Guides & Physical Resources for Building Large Solar Viewers

- Building a Sun Funnel for Group Viewing of Solar Eclipses:
https://eclipse.aas.org/sites/eclipse.aas.org/files/Build_a_Sun_Funnel_v3.6s.pdf
- Design for Giant Solar Viewing Glasses Structure:
<https://cdn.makezine.com/make/86/full-size-eclipse-glasses.pdf>
- Plans by Derrick Pitts from the Franklin Institute for Building a Solar Viewing Tent:
https://eclipse.aas.org/sites/eclipse.aas.org/files/Derrick_Pitts_Eclipse_Tent.pdf
- Thousand Oaks Optical Resources:
 - Rolls of Solar Filter Film for Giant Solar Viewing Glasses & Tent Designs:
<https://thousandoaksoptical.com/shop/solar-filters/bulk-rolls/>
 - Sheets of Solar Film
<https://thousandoaksoptical.com/shop/solar-filters/solarlite-filter-sheets/>

Sensory Resources

- Numerous Resources on the NISE Network Solar Eclipse Page (see “Sensory Resources” for more): <https://www.nisenet.org/solareclipse>
- Getting a Feel for Eclipses Tactile Book Available from NASA SSERVI Braille Books (tactile books included in NISE Network physical kits in 2017, 2020, & 2023):
<https://sservi.nasa.gov/books/>
- Eclipse Soundscapes Project Studying How Eclipses Affect Life on Earth
<https://eclipsesoundscapes.org>
- GLOBE Observer App - How Does the Solar Eclipse Affect the Atmosphere on Earth?
 - <https://observer.globe.gov/do-globe-observer/eclipse>
 - <https://observer.globe.gov/toolkit/eclipse-toolkit>
- LightSound Device for Blind & Low Vision - uses sonification to convert light intensity into sound: <https://astrolab.fas.harvard.edu/LightSound.html#documentation>
- Sound Map activity: <https://www.sciencebuff.org/scienceactivity/sound-map/>
- NASA’s Neurodiversity Network Eclipse Guide - Tips for Expectation Setting for All:
<https://n3.sonoma.edu/N3FlyerASTC100523.pdf>

Presenter Resources

Dan Schneiderman, Rochester Museum & Science Center (RMSC) in Rochester, NY

- Email: dschneiderman@rmsc.org
 - Website: <https://rmsc.org/>
 - Total Solar Eclipse Artwork by Tyler Nordgren: <https://www.tylernordgren.com/>
 - Rochester Eclipse Site: <https://rochestereclipse2024.org/>
 - Rochester Eclipse Events List: <https://rochestereclipse2024.org/events/>
 - Festival Page: <https://rmsc.org/roc-the-eclipse-festival/>
 - RMSC Total Solar Eclipse Store: <https://rochestereclipsestore.myshopify.com/>
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Patsy Rueblin, Bootheel Youth Museum in Malden, MO

- Email: patsy@bootheelyouthmuseum.org
 - Website: <https://www.bootheelyouthmuseum.org/>
 - Totality - A Block Party: <https://www.bootheelyouthmuseum.org/solar-eclipse.php>
Commemorative Postmark: <https://about.usps.com/publications/pub186.pdf>
<https://nationaleclipse.com/> Thousand Oaks Solar Filters & Accessories:
<https://thousandoaksoptical.com/> Create your own solar filter for a telescope for less than \$12 video on YouTube: <https://www.youtube.com/watch?v=4UxZnakBYpU>
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LeKeisha Harding, Thinkery in Austin, TX

- Email: lharding@thinkeryaustin.org
 - Website: <https://thinkeryaustin.org/>
 - In the Path of Totality: <https://www.inthepathoftotality.org/>
 - Joyful Learning Collaborative: <https://thinkeryaustin.org/jlc/>
 - Joyful Learning Guide Resources: <https://thinkeryaustin.org/jlc-resources/>
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Amy Sayle, Morehead Planetarium and Science Center in Chapel Hill, NC

- Email: starparty@unc.edu
 - Website: <https://moreheadplanetarium.org/>
 - NC Science Festival Website: <https://ncsciencefestival.org/>
 - North Carolina Statewide Star Party: <http://ncscifest.org/starparty>
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Amber Shive, Fort Worth Museum of Science and History in Fort Worth, TX

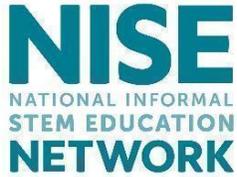
- Email: AShive@fwmsm.org
 - Website: <https://www.fwmuseum.org/>
 - Total Solar Eclipse Event Info:
<https://www.fwmuseum.org/explore/noble-planetarium/solar-eclipse/>
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Don Riefler, Children's Museum of Indianapolis in Indianapolis, IN

- Email: donaldr@childrensmuseum.org
- Website: <https://www.childrensmuseum.org/>
- Eclipse Extravaganza: <https://www.childrensmuseum.org/visit/calendar/event/553>

Staying Connected to the NISE Network

- Upcoming NISE Network online workshops: <https://www.nisenet.org/events>
- Read the monthly newsletter: <https://www.nisenet.org/newsletter>
- Follow #nisenet on social media: <https://www.nisenet.org/social>



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