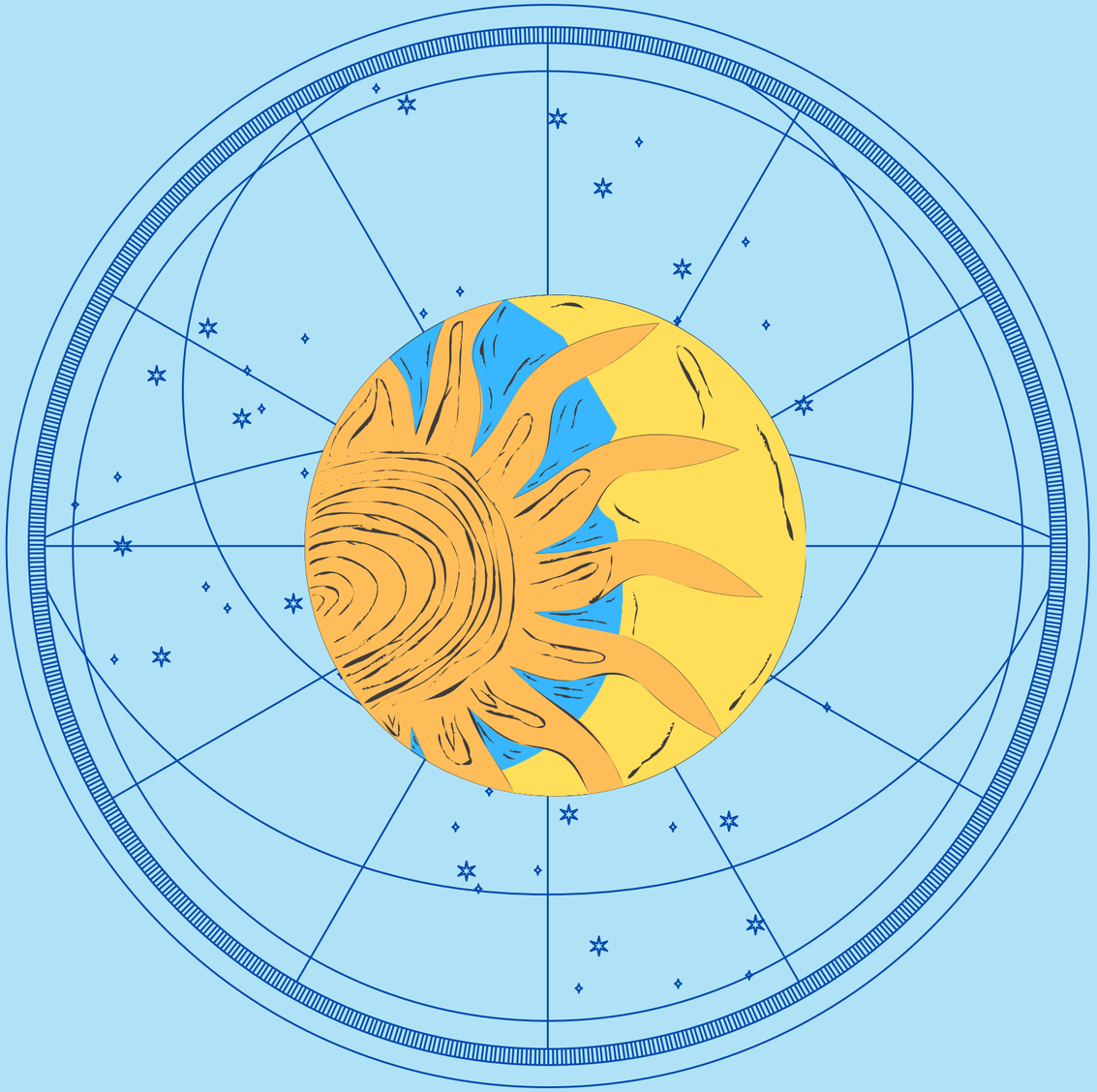
ASTRONOMY FOR EQUITY

GLOBAL SUNLIGHT STEM EDUCATION PROJECT

One Million Solar Glasses
& STEM Resources for
Unserved Communities

www.astro4equity.org



Global Sunlight STEM Education Project: Sharing the Sun, Inspiring the Future

Step into the light of discovery and explore the science of our nearest star. Through the simple magic of eclipse glasses, we're opening windows to the Sun for students in developing countries — sparking curiosity, wonder, and a deeper understanding of the world around them. Together with global partners, we're making solar astronomy accessible to every classroom, empowering educators and inspiring the next generation of scientists and dreamers.

Because the Sun shines on all of us.

OUR SUN: A UNIVERSAL GIFT OF LIGHT AND LEARNING

Across cultures and throughout human history, the Sun has been a source of wonder, curiosity, and inspiration. The Global Sunlight STEM Education Project builds on that shared heritage, using simple eclipse glasses to turn sunlight into a powerful tool for discovery.

By bringing solar astronomy to classrooms in developing countries, we're not just teaching science— we're connecting students to a story as old as humanity and as vast as the universe.

Because no matter where we stand on Earth, we all stand in the same sunlight — and it shines on us all.

What is it?

Led by Astronomy for Equity (A4E), this project repurposes 1M+ eclipse glasses from the 2024 solar eclipse for STEM education and solar astronomy outreach in developing countries.

Who is it for?

Students, teachers, and outreach groups in unserved areas with limited STEM resources. Materials are designed for educators with little to no prior STEM experience.

How does it work?

Materials are shipped to astronomy organizations for outreach. Materials in English can be translated into local languages. Surveys measure program impact for improvements.

Objectives:

Teach about the Sun, sunlight, and Sun-Earth science. Encourage hands-on learning with DIY solar tools. Spark interest in solar and space sciences.

WHY IT MATTERS

- Empowering Future Innovators: GSSEP fuels curiosity and scientific inquiry by providing students with the tools and knowledge to explore solar astronomy, sparking a passion for discovery and innovation.

- Democratising Science Education: By making hands-on astronomy accessible, GSSEP ensures that every child — regardless of geography or resources — has the opportunity to learn, question, and grow through the study of the Sun.

- Building a Brighter Future: This project goes beyond education; it creates a global community of young explorers and future scientists, united by a shared understanding of our universe and inspired to reach for the stars.

WE HAVE STARTED WITH RESOURCES SENT

TO 12 COUNTRIES

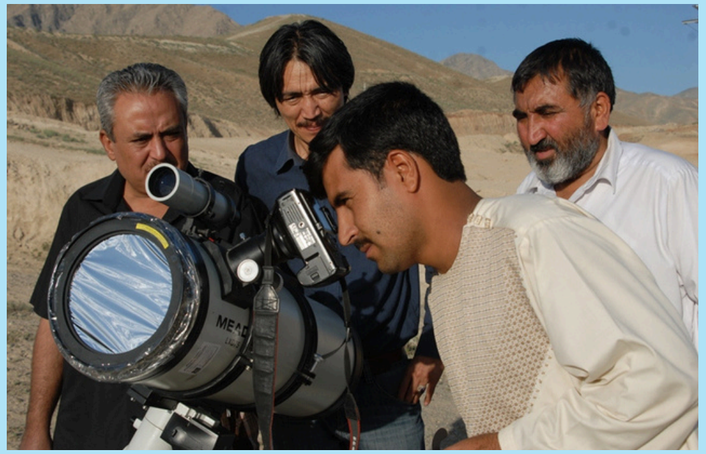
IN PARTNERSHIP WITH IAU OFFICE OF ASTRONOMY EDUCATION

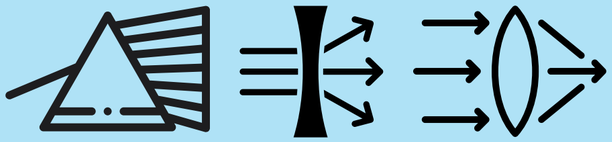
Bringing the Sun Within Reach. Empowering Education Through Solar Science.

Where classrooms lack resources, the Sun becomes the ultimate science lab. Where science education feels distant, the warmth of solar exploration sparks curiosity. In places where students have never seen a telescope, a simple pair of eclipse glasses becomes a gateway to the cosmos. The Global Sunlight STEM Education Project transforms everyday moments into opportunities for wonder, discovery, and learning.

This initiative is more than just distributing eclipse glasses — it's about creating a lasting impact. By providing accessible tools and simple educational resources, we empower educators and inspire students to explore the Sun-Earth connection, the nature of light, and their place in the Universe. Every pair of glasses becomes a lens through which a child sees new possibilities. Every lesson ignites a passion for science that can shape futures.

In remote villages, bustling cities, and underserved communities, this project brings the extraordinary closer to home. It's not just about looking at the Sun — it's about lighting the way for the scientists, innovators, and dreamers of tomorrow.





GSSEP is not just about eclipses. The Sun shines every day, and we’re making the most of it!

Diffraction gratings will be added to study sunlight, with more resources added over time to learn more about our world. The Sun is just the beginning!

Timeline

Year 1
Project launch

Resources to 25 organizations
Begin data collection
Budget: USD 200,000

Year 2
Expand project
Analyze and adapt

Additional resources, 25 more organizations
Early data analysis and evaluation
Budget: USD 220,000

Year 3
Add resources
Final report

Final data analysis and report
Budget: USD 175,000
Advanced resources to selected organizations pending additional funding

SHINE WITH US: PARTNER BENEFITS & BRAND IMPACT

01

Global Visibility

Your brand recognized across 50+ countries through coordinated campaigns and grassroots outreach.

02

High-Impact CSR

Align your brand with a transformative STEM education initiative targeting underserved communities.

03

Logo Placement

Featured on the Astronomy for Equity website, project page, and all relevant educational materials.

04

Media Recognition

Acknowledgment in press releases, social media coverage, and public statements.

SHINE WITH US: PARTNER BENEFITS & BRAND IMPACT

05

Social Media Shoutouts

Regular posts tagging and appreciating partners across A4E’s global channels.

06

Custom Content

Access to high-quality photos and videos from around the world for your own marketing and CSR reporting.

07

Co-Branding Opportunities

Co-brand outreach material (kits, posters) with your logo.

08

Thought Leadership

Be spotlighted as a leader in equitable STEM access on global stages (conferences, forums, panels).

SHINE WITH US: PARTNER BENEFITS & BRAND IMPACT

09

Impact Metrics

Receive a custom impact report detailing where and how your support made a difference (with visuals & stories).

10

Team Engagement

Opportunities for your employees to volunteer virtually or participate in campaign events.

11

Endorsement as a Changemaker

Publicly credited for supporting an innovative, first-of-its-kind initiative in global astronomy education.

12

Sustainability Alignment

Show your commitment to SDGs (esp. SDG 4, 5 & 10) through long-term education equity.

CONTACT US

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LEARN MORE ABOUT GSSEP
HERE OR SCAN THE QR

ASTRONOMY FOR EQUITY

Astronomy for Equity leverages astronomy's power to inspire and promote STEM education in marginalized, isolated, and underserved communities. By supporting sustainable programs, expanding access to resources, and mobilizing global astronomy networks, we break the cycle of underrepresentation in STEM, ensuring long-term impact and opportunities for all.

Astronomy For Equity was founded by Mike Simmons, a globally recognized leader in astronomy outreach, with decades of experience in expanding access to STEM education through international collaborations.

Support us @astro4equity