

PUNCH Public Engagement Monthly Newsletter Issue 19: May 2024

Shining New Light on Diverse Views of the Sun
with our Ancient & Modern Sun-Watching Theme



Did You Know....

...that the Apollo astronauts [photographed the solar corona](#), during orbital sunrise as they came around the night side of the Moon?



Credit: Image Science and Analysis Laboratory, NASA-JSC

Please Upload Photos of Our Products and Activities!



Photo: Kentucky Science Center

Please upload photos of people engaging with our 3-Hole PUNCH Pinhole Projector (3HPPP) or our other [products and activities](#). Our [new short video](#) shows you how to share your photos with the PUNCH Outreach team. You can upload photos directly from a phone or computer. All you need is a free Google account and the [link to our photo album](#). At left a wonderful "aha" moment with our [3HPPP](#).

Girl Scout Patch Proposal in Formal Review

PUNCH Outreach recently delivered an elaborated outline of our *Ancient and Modern Sun-Watching* Patch for review by the Girl Scouts of Southwest Texas. We are proposing to become an enduring *Council's Own* patch. The proposed patch features adaptations of our [products and activities](#) that reflect the spirit and values of the Girl Scouts.



Photo provided by Rachel Vara

Three New Literacy "Sun Fun" Games Now Available

We recently collaborated with our science team to add three new online, "drag-and-drop" [Fill-in-the-Blank](#) literacy games to our website. These games allow participants to learn scientific vocabulary while taking part in the creation of a science-learning narrative that makes reading fun! The new additions are more challenging than the previous three and cover topics related to the solar wind and the heliosphere (#4), solar storms and sunspot cycles (#5), and the NASA PUNCH mission (#6). Please let us know what you think and how you might use them.



Your Solar Photo of the Month

Every month we feature a photo submitted by readers that portrays a personal experience of the Sun or PUNCH.



Photo by Cherilynn Morrow

"On May 10th, 2024, the Earth system responded to storms from the Sun, displaying aurora at lower latitudes than usual. On that night, I pointed my mobile phone camera toward some vague streaks observed over my home in downtown Boulder, CO. This longer exposure pic is brighter than it was to the naked eye, but it was still extraordinary to augment my reality with this colorful photo!" - Cherilynn Morrow