



SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE

# Observing With NASA (OWN): Exhibits, programs, and authentic data experiences with astronomical imaging

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Control a telescope with the MicroObservatory Robotic Telescope Network  
Credits: Smithsonian Institution

Exhibits, programs, and authentic learning experiences focused on space science imaging with and for visitors to participating museums and informal learning centers, informal education professionals at these organizations, and youth and family program participants. The primary objectives of the project are to: 1) Promote engagement with and understanding of NASA space science image data by enabling visitors at Observing With NASA exhibit kiosks to use the authentic tools and techniques of robotic telescope control and image

analysis; 2) Leverage the unique appeal of NASA imagery to engage youth in grades 4-8 and their families, particularly those from groups underrepresented in STEM, in authentic astronomical imaging experience; 3) Enhance the capacity of informal education professionals to deliver and participate in NASA-based activities; and 4) Broaden the impact of the project by documenting, evaluating impact and widely sharing the program's resources.

## List of Partners:

- Smithsonian Institution
- Smithsonian Affiliates national network
- NASA Science Activation Network
- NASA's Universe of Learning
- MicroObservatory Telescope Network

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