



EDUCATION PROGRAMS

Starry Night in the planetarium reinvents astronomy and space science education. From basic sky observations to exploring distant galaxies, these programs bring scientific accuracy and realistic detail together in an immersive experience.

Earth and The Moon How has the surface of the Moon been shaped over time? Why do we only see one side of the Moon from Earth? Explore the relationship between Earth and our natural satellite.

Size and Scale Discover the vastness of our solar system - even our largest planet is miniscule compared to the spaces between.

Motion of Planets Gravity affects everything in the universe. Discover how in this exploration of orbital speed and distance.

Black Holes What are the characteristics of extreme objects like black holes, white dwarfs, and neutron stars?

The Milky Way Our Sun is just one star among billions that make up our galaxy. See the Milky Way in a whole new light as we explore the stars.

Great Explorations Investigate the challenges and constraints of sending objects - or humans! - into space.

Moon Phases Explore the phasing and motions of our Moon, including its appearance and behavior as it orbits the Earth.

Reasons for Our Seasons What are seasonal changes and why do we have them?

Eclipses Why do solar eclipses occur? Discover how eclipses occur and why they don't happen more frequently.

*NOTE: Full program standards and descriptions available for each program.
SciDome programs are designed for 20-60 students and last 45 minutes.

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Time and Timekeeping Did you know there is a time zone on the Moon? What is our measurement of time and how does it relate to objects in our sky?

The Night Sky: US History Investigate whether famous historical accounts, such as Paul Revere's, are accurate representations or propoganda!

Layered Earth's three-dimensional world envisions our Earth as a whole system. Explore tectonic plate boundaries, mountain ranges, volcanoes, earthquakes, biomes, and much, much more. The Layered Earth includes high resolution surface topography and satellite/aerial surface imagery.

The Solid Earth Discover the Earth as a system made up of a number of interdependent, interacting parts that act together to form a complex whole.

Plate Tectonics How does tectonic motion result in both tensional and compressional forces in Earth's crust? Explore the production of faults, folds and mountain ranges.

Minerals and Rocks Explore the characteristics of rocks to determine how they were formed and the environment in which formation took place.

Shaping the Earth Moving water and ice can create a variety of landforms that shape Earth's surface. Discover how water acts as our most important erosion agent.

Earthquakes and Faults Explore the shaking motion of earthquakes occuring along fault lines and the margins of tectonic plates.

Volcanoes Connect plate tectonic theory to the formation and location of volcanoes in this fiery exploration.

Geologic Time Discover how the arrangement of continents and oceans has changed over time as a result of plate motion and predict future changes.

**Interested in themes or opportunities not listed here?
Call or email The Works Education Team**

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How do I register for an Education Program?

Call or Email The Works Education Team (740) 349-92777

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