

Safety Stations: Stop by our Eclipse-viewing safety stations for general information on the eclipse and a pair of FREE solar glasses (one per party please). Remember to return your glasses here on your way out! *Safety glasses provided by UNCW CESTEM and the Carolinas Solar Eclipse Party.*

Stellar Story Corner: Cool off in the shade while listening to a story read by one of our New Hanover County Librarians.

Space Weather: Join Tim Armstrong, of Wilmington's National Weather Service, for a live weather satellite image of the eclipse shadow racing towards the Carolinas.

Solar System Walk: Take a break from eclipse activities to stroll through the gardens on a self-guided trip through our Solar System! Learn facts about each planet, as well as, the relative distance between them as you walk along the path. (Make sure to pick up a self-guided info sheet at the start of your walk to lead you on your quest!)

Eclipse Chalk Art: Reflect on what an eclipse is and create a chalk drawing of this one-of-a-kind astronomical event!

UV Beads: The sun gives off different kinds of energy, including ultraviolet or UV. Discover what we can do to protect ourselves from the UV rays that get through our atmosphere.

Big Sun, Small Moon: If the moon is a lot smaller than the Sun, how can it completely block all the light? Explore apparent size by making a model from a beach ball and a tennis ball.

Making a Solar Eclipse: Help create a demonstration of a solar eclipse and learn the mechanics of a total solar eclipse.

Moon Ball Demonstration (inside classroom): Understand how Earth's motions create the day and year, and what causes moon phases, by participating in a hands-on model of the moon orbiting Earth.

Pocket Solar System: There's a whole lot of space out there! Make a scale model of the distances between objects in our solar system that can fit in your pocket.

Sun-Earth Scale Distance: Our Sun is enormous! To see the relative size of the sun compared to Earth, participate in an activity that shows us how tiny Earth is compared to the Sun.

Yardstick Eclipse: Using simple materials, help create 3D models of the Earth, Moon and Sun to demonstrate solar and lunar eclipses.

In Partnership with:

