

SOLAR ECLIPSE VIEWING



0%



40%



60%



80%



100%

4.8.2024

Content is subject to change. First come, first served.



INSIDE ORLANDO SCIENCE CENTER

LIVE STAGE SHOWS

10:30	KABOOM - Explore the science of combustion in this explosive live show featuring some colorful chemistry! <i>Limited seating is first come, first served. Caution: Loud noises.</i>	Digital Adventure Theater	L2
10:30, 12:30 & 4:00	Cool Science - Learn about the science of extreme cold with liquid nitrogen demonstrations!	Discovery Stage (Inside Our Planet)	L4
11:30	Life With Animals - Learn fun facts about all sorts of animals and how you can help protect the habitats they call home. You never know which of our Animal Ambassadors might stop by!	Discovery Stage (Inside Our Planet)	L4
1:30	Meet A Snake - Meet one of our Animal Ambassadors and discover the amazing adaptations of snakes and how invasive snakes are affecting our Florida habitats.	Discovery Stage (Inside Our Planet)	L4

PROGRAMS

10:00 - 4:30	Cosmic Lab - Learn about space by getting hands-on with alien glowing experiments!	Dr. Dare's Lab (Inside Our Planet)	L4
10:00 - 4:30	Space Flight - Fly through a virtual galaxy and explore stars, planets, asteroids, and everything our universe has to offer!	Flight Lab (Inside DinoDigs)	L4
10:00 - 5:00	Make A Minute Movie! - Step into the world of filmmaking! Utilize green screen technology to transport yourselves to any setting imaginable. Get hands-on as you design and craft your own props using your movie budget, bringing your cinematic visions to life! <i>Ages 8+ only</i>	The Hive: A Makerspace	L3
11:00, 12:00 & 1:00	Solar Eclipse 101 - What is a solar eclipse? How is it different than a lunar eclipse? Do they happen on other planets? Learn the basics of eclipses in this show about the solar system's biggest cosmic coincidence.	Science On a Sphere (Inside Our Planet)	L4
1:00 - 3:00	Ask an Astronaut - Record your question for an astronaut with the team from WMFE, and it might just be featured in a future broadcast. Whether it's life aboard the International Space Station or the challenges of spacewalks, your inquiry could launch into the stratosphere.	Rotunda	L4
2:00 - 4:00	NASA Live Stream of the Solar Eclipse - No one knows space better than NASA. Chill out in our Cafe and learn from the experts while seeing the eclipse from different views around the globe!	Food Heroes Stage (Inside Cafe)	L1

FILMS

CineDome wheelchair access located on Level 3.

11:00	Journey to the South Pacific	Dr. Phillips CineDome	L1
11:30	Paradise Polluted: Pacific Plastic	Digital Adventure Theater	L2
12:15	Dinosaurs of Antarctica	Dr. Phillips CineDome	L1
12:30	Clear Water, Clean Water? Exploring the Floridan Aquifer	Digital Adventure Theater	L2
1:15	Wings Over Water	Digital Adventure Theater	L2
1:30	Animalopolis	Dr. Phillips CineDome	L1
2:30	Jane Goodall: Reasons for Hope	Digital Adventure Theater	L2
3:30	Back from the Brink: Saved from Extinction 3D	Digital Adventure Theater	L2

Scan the QR Code for film trailers and more info.



KIDSTOWN

Ages 0-7 only

10:30	Wonders of Nature Storytime - Explore the great outdoors through tales, songs and rhymes. After the story, we'll discuss ways to engage with nature at home and have fun getting our hands dirty with a take-home planting activity! <i>Limited capacity. To reserve your spot, get a ticket at KidsTown Studio 15 minutes before the program start time.</i>	KidsTown Studio	L2
3:00 - 4:00	Open Studio - Experience all KidsTown studio has to offer, with four open-ended exploration stations including: an open-make station, STEM discovery station, interactive white-board station, and a reading nook! <i>Ongoing activities on a first come, first served basis.</i>	KidsTown Studio	L2

LOCH HAVEN PARK

Join us in the Park from 1:00 - 4:30 pm for a stellar viewing party!

The Eclipse is visible from 1:46 - 4:17 pm and will look best from 2:30 - 3:30 pm. Head to the park outside the Cafe any time in this window to see this amazing astronomical event! Visit our Education Zones for fun hands-on activities for all ages, including stomp rockets! *All activities are weather permitting.*

EDUCATION ZONES

Each tent will have all activities listed. *While supplies last.*

SOLAR VIEWING STATION

Sun visibility permitting. Fun for all ages!

View the eclipse in a variety of ways!

- Solar eclipse glasses will give a proper and safe view of the eclipse.
- Solar binoculars magnify the view! They can show sunspots and detail in the solar corona.
- There are also indirect viewing methods like colanders and pin-hole viewers!

FILTERED LIGHT STATION

Recommended for ages 4+

Our Sun gives off way more than just the light we can see. Learn about infrared and ultraviolet light by using visible light filters to clear up some data, and take home your own secret message!

TAKE-HOME TABLE STATION

Recommended for ages 6+

The learning doesn't stop today! Stop by and grab a limited-edition Moon journal so you can track the phases of the Moon over the next couple weeks. You can also get hands-on and try your hand at making a DIY sundial using a unique OSC-designed template!

STOMP ROCKETS

Fun for all ages!

There's no better way to release your potential energy than by launching rockets! Head to the middle of the park to launch a few stomp rockets and see if you can plan their parabolic trajectories to land in their targets.

SOLAR SOCCER

Fun for all ages!

Create your own solar and lunar eclipses using our inflatable solar system! Join the cosmic dance of planets and moons orbiting around in our solar system soccer zone.

KIDSTOWN STATIONS

For ages 0-7. While supplies last.

Join us for an afternoon of out-of-this-world fun at KidsTown's Eclipse Day tents located just outside of the cafe.

We will be running the following activities:

- **Eclipse Craft:** Craft and color your own model of a Solar Eclipse.
- **Space Temporary Tattoos:** Line up to get a space-themed temporary tattoo on your hand.
- **Solar Chalk Art:** Create Solar Auroras and Coronas using special stencils and mini chalkboards.
- **Solar System Puzzle:** Can you put together all the parts of our Solar System? Try putting the pieces together at one of our tables.

IN THE EVENT OF INCLEMENT WEATHER

In the instance of inclement weather or the threat of it, all OSC activities can be experienced inside the building. Activities will take place throughout OSC, including the Founders Room (Level 3). We will also be streaming live from a location within the direct path of the eclipse on screens around the Science Center.

FAST FACTS

Membership Apply your admission towards a Membership and get 12 months of benefits. See Guest Services about your Membership.

Community Partners Thank you to all our partners for giving their time to share their knowledge and love of science, as well as resources and creative ideas that can help you make the world a better place.