

# Space Day!



Roper Mountain  
Science Center



Second Saturday

Saturday March 12, 9:00 am – 3:00pm



FOOD SERVED IN FRONT OF  
SYMMES HALL OF SCIENCE  
FUDD TRUCK

11:00am-2:00pm (CASH OR CREDIT)  
PDQ

10:00am- 3:00pm (CASH/CHECK ONLY)



## SYMMES HALL OF SCIENCE

SHUTTLE STOP ③

**Hipp Auditorium** — 10:00am, 11:00am, 1:00pm, and 2:00pm

Meet Wernher Von Braun as portrayed by Larry Bounds of **Greenville Chautauqua Society**

**Lab #1 Columbia Challenger Center:** Flight simulator software and small robots

**Lab #2 Michelin:** See and touch an actual space shuttle tire

**Lab #3 Greenville Tech Aviation Maintenance:** Gyroscope suitcase, ignition system and other flight controls.  
Design a circuit and more

**Lab #4 NASA Exploration Space:** Meet NASA Aerospace Engineer John Micol and learn how NASA plans to visit Mars

**Lab #7 GE Aviation:** Paper airplane design challenge

**Lab #8 NASA:** Journey to Mars

**Lab #10 Clemson Nanomaterials Center:** Nanoscience activities

**Symmes Upper Lobby**

- See and touch real hardware used on the International Space Station. Meet Jason Premo and learn what it's like to work on NASA projects
- **Civil Air Patrol:** Meet members of the Greenville Civil Air Patrol squadron
- **Embry Riddle Aeronautical University:** Learn about airfoil theory and more. Help choose a winning wing design and launch model planes.

**Symmes Lower Lobby**

- **Astrosurf:** Observe radio emissions from neutral hydrogen using data from a radio telescope located in NC
- **Asheville Star Trek Club, USS Alaric**

**Symmes Upper Courtyard Rocket Playground:** Rocket balloons, stomp rockets, pump rockets, and model rocket launches

**Dome 8 East North Street Academy:** Conduct a meteorite crater drop

## WILKINS CONFERENCE CENTER

**Upstate SC Youth Aviators Association:** Build radio-controlled models out of foam board  
Targeted to middle and high schoolers



## HARRISON HALL OF NATURAL SCIENCE

SHUTTLE STOP ②

**Discovery Rooms A & B** Touch and hold live animals. Make and take your own spring butterfly

**Rainforest** Discover tropical rainforest plants and animals

**Marine Lab** Enjoy the touch tanks and exhibits

**Computer Lab** Straw rocket design challenge

**Paleo Lab** Aerospace engineer Ted Christian from Johnson Space Center, Houston  
10:00am, 11:00am, 12:30pm, 1:30pm, and 2:30pm

**Earth Science Lab** Hands on nano activities. Made possible by the **Nanoscale Informal Science Education Network**

- **Ecology Lab**
- Discover the nature of flight through bird study activities
- Learn about endangered species in our state

**Butterfly Garden** Butterflies are returning from overwintering or hibernation, including the monarch heading north. Visit our garden to learn about these butterflies and butterfly gardening.



## GIANT DOME THEATRE & HOOPER PLANETARIUM

**Astronaut** Showtimes: 11:00am & 1:00pm

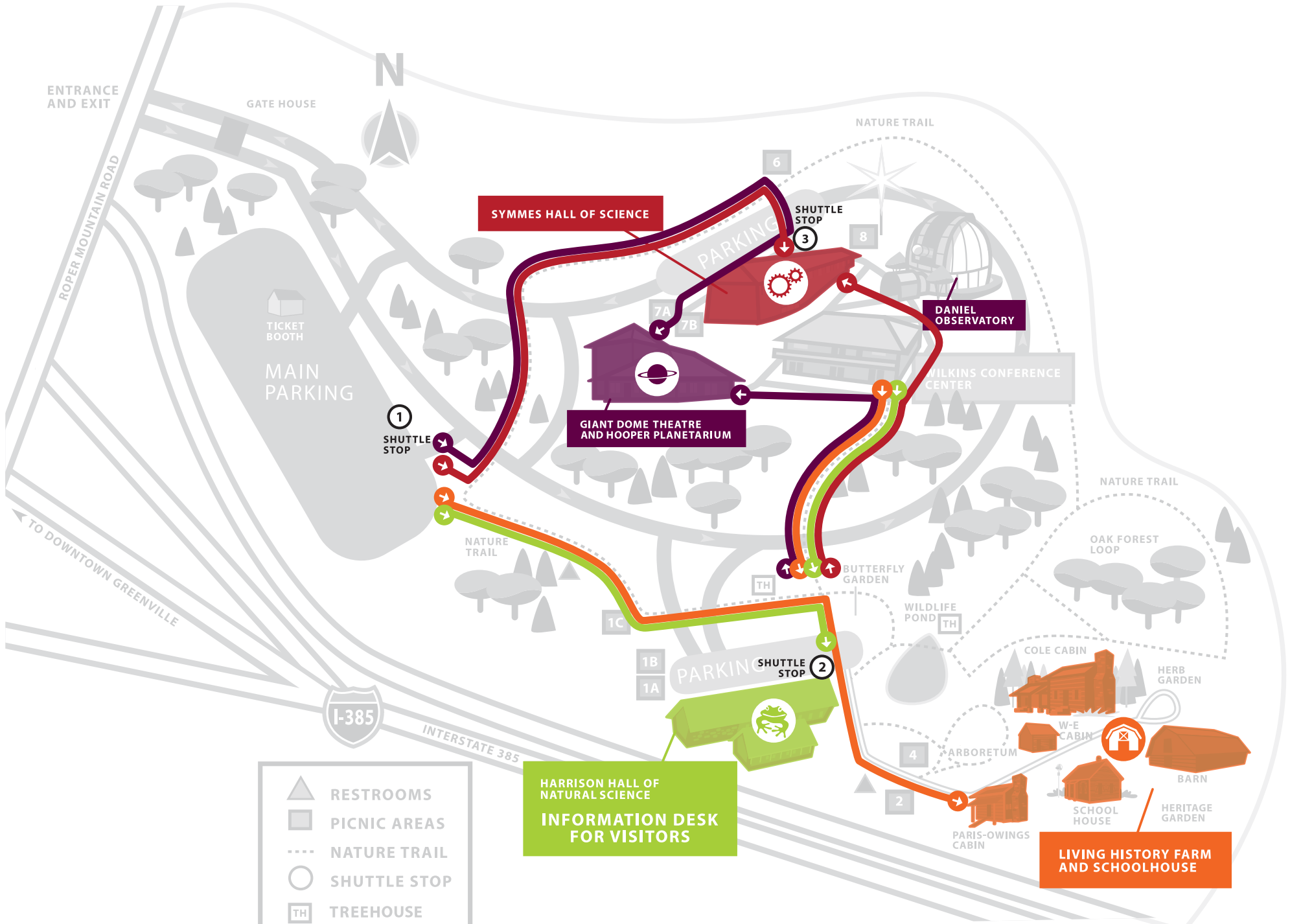
**Earth to the Universe** Showtimes: 12:00pm & 2:00pm

**Daniel Observatory** (weather permitting)  
10:00am — 3:00pm - Telescope demonstrations with skilled amateur astronomers



## LIVING HISTORY FARM

- **Western Carolina Remote Control Club** with small planes, helicopters, and drone flying in pasture
- Make and take your own kite



-  RESTROOMS
-  PICNIC AREAS
-  NATURE TRAIL
-  SHUTTLE STOP
-  TREEHOUSE

**HARRISON HALL OF NATURAL SCIENCE**  
**INFORMATION DESK FOR VISITORS**

**LIVING HISTORY FARM AND SCHOOLHOUSE**