



Roper Mountain Science Center

Space Day!

2ND SAT

Saturday, March 9
9:00am-3:00pm



Friday Starry Nights

Shows at 6:00pm & 7:30pm
Visit RoperMountain.org for details



Summer Exploration Camps

Great camps are still available
Visit RoperMountain.org to register



Butterfly Adventure

Be amazed with an up close encounter as hundreds of butterflies surround you in our butterfly adventure habitat.
Returns June 11, 2019



RMSC Membership

Become a member of Roper Mountain Science Center! Benefits include free admission to Second Saturdays, Starry Nights, Butterfly Adventure, and more!



HARRISON HALL OF NATURAL SCIENCE

SHUTTLE STOP ②

Discovery Room A - Live animals

Discovery Room B - Mars maps - Explore your future on a giant map of Mars

Rainforest - Live animals

Rainforest Lab - Hear the story *Moon Bear's Shadow* by Frank Asch and see how Bear's shadow can be made

Ecology Lab - Greenville Aviation Flight School and Greenville Downtown Airport
See samples of aircraft gauges and aviation maps; learn how you can monitor all the aircraft flying in the world

Marine Lab - Discover animals from the ocean, earth's final frontier

Design Lab - Purdue Club of Upstate SC Hide and seek Moon activity



Paleo Lab - Augmented reality sandboxes

Mineral Lab - East North Street Academy Make a Moon crater



BUTTERFLY GARDEN

SHUTTLE STOP ②

Butterfly Garden

- Talk to Master Gardeners (10:00am - 2:00pm) and learn about how butterflies spend their winter
- Learn about Monarch butterflies and their migration north



LIVING HISTORY FARM

SHUTTLE STOP ②

Pasture - Western Carolina Remote Control Club Small planes, helicopters, and drone flying (weather permitting)

Kitchen - See what's cooking

School House

- Lessons on the half hour - 10:00am - 2:00pm
- Join in the games at the school yard

Barn - See our barn animals, including Wilbur, the pig

Garden - Gardeners will be on hand to talk about spring garden chores

Make and take your own kite

Weaving, rug hooking, blacksmithing and woodworking demonstrations



VISIT RMSC FROM JUNE 11 - JULY 12 FOR
THE RETURN OF BUTTERFLY ADVENTURE



SYMMES HALL OF SCIENCE

SHUTTLE STOP ③

Hipp Auditorium

Jonathan Krezel, Exploration Systems Development (ESD) Enterprise Integration Manager, NASA HQ - *Explore As One: Big Universe • Brave People • Bold Ships*
10:30am, 11:30am, 1:00pm, 2:00pm

Lab 1 - Byrnes High School Honors Aviation Be the pilot with flight simulators

Lab 2 - Betty Jo Moore, NASA Ambassador Build and test a lunar lander

Lab 3 & 5 - Greenville Technical College Aviation Maintenance

- Gyroscope suitcase, eddy current display, and turbine ignition system demonstrations
- Design a circuit, learn how to use electrical meters and more

Lab 4 - USC Upstate Explore earth and space science with hands-on activities from the National Informal Stem Education Network



Lab 7 - Clemson EMAGINE The Rocket Club and student groups from Clemson will demonstrate a satellite catching robot and an International Space Station (ISS) research project

Lab 8 - Clemson Physics and Astronomy See a tabletop comet, emission spectra, and more

Lab 10 - Wade Hampton High's FIRST Robotics Team 283, The Generals

Visit the Space Discovery Lab, make orbit crafts, straw rockets, and get shrink wrapped

Upper Lobby - David Leaphart, NASA Ambassador *What's Up at NASA?*

Upper Courtyard (weather permitting)

- Model rocket launches with **Steve Hildebrant, retired engineer from Lockheed Martin**
- Rocket balloon launches



WILKINS CONFERENCE CENTER

SHUTTLE STOP ③

Moon rocks and meteorite samples WILL NOT be on display due to NASA staff member illness



GIANT DOME THEATER AND HOOPER PLANETARIUM

SHUTTLE STOP ③

Planetarium Feature Shows (30 minutes)

Astronaut - 10:00am, 11:00am, 12:00pm, 1:00pm, and 2:00pm

Daniel Observatory (weather permitting)

Skilled astronomers will be on hand to demonstrate and discuss telescopes with solar viewing outside - 10:00am - 3:00pm



FOOD TRUCKS

SHUTTLE STOP ③

In front of Symmes Hall of Science (beginning at 11:00am):

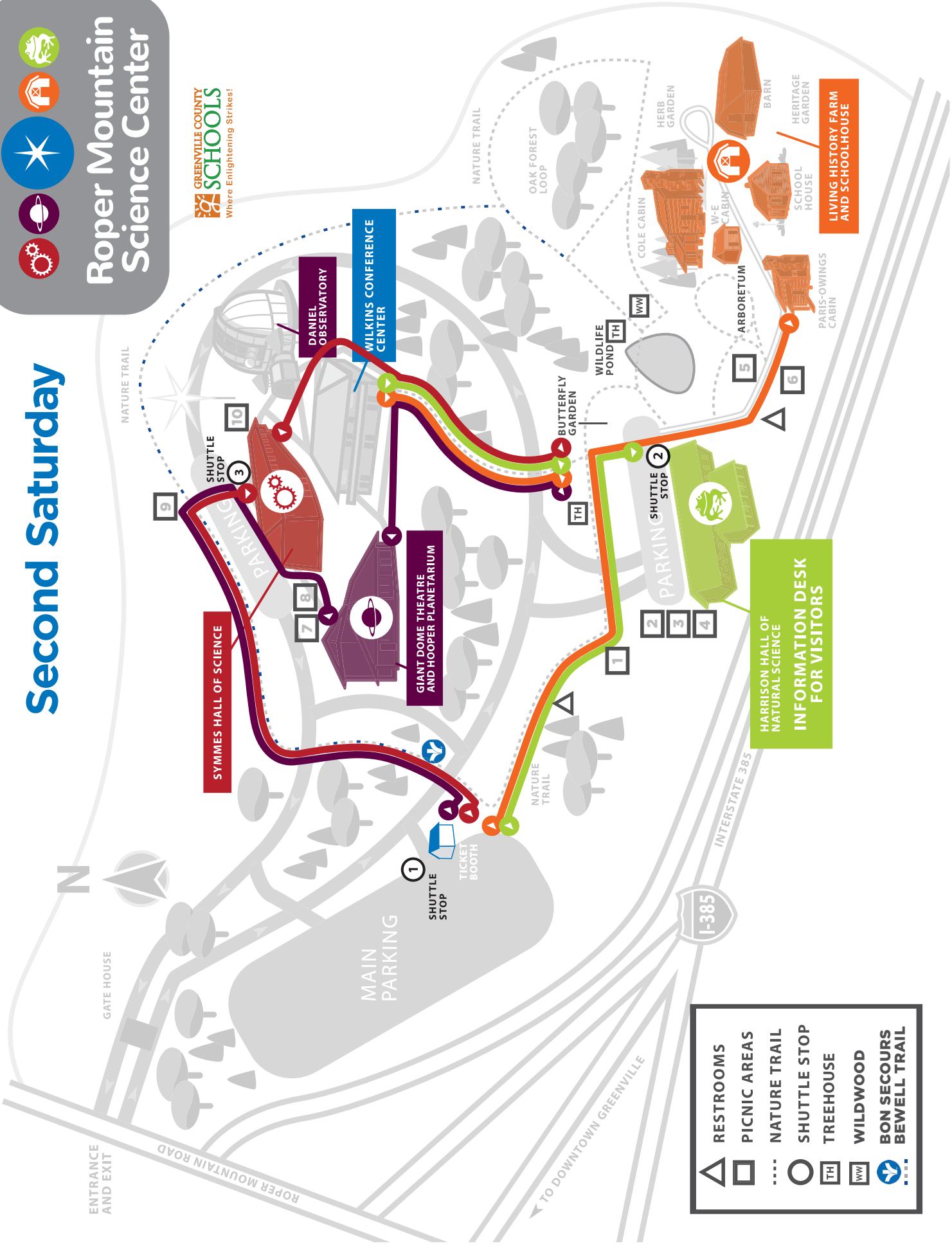
- Resident Dogs
- Chick-fil-a

Second Saturday



Roper Mountain Science Center

GREENVILLE COUNTY SCHOOLS
Where Enlightening Strikes!



- RESTROOMS
- PICNIC AREAS
- NATURE TRAIL
- SHUTTLE STOP
- TREEHOUSE
- WILDWOOD
- BON SECOURS
- BEWELL TRAIL

HARRISON HALL OF NATURAL SCIENCE
INFORMATION DESK FOR VISITORS

LIVING HISTORY FARM AND SCHOOLHOUSE



ENTRANCE AND EXIT

GATE HOUSE

MAIN PARKING

I-385

INTERSTATE 385

TO DOWNTOWN GREENVILLE

ROPER MOUNTAIN ROAD

NATURE TRAIL

NATURE TRAIL

NATURE TRAIL

NATURE TRAIL

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NATURE TRAIL

SHUTTLE STOP 3

SHUTTLE STOP 2

SHUTTLE STOP 1

TICKET BOOTH

SYMMES HALL OF SCIENCE

GIANT DOME THEATRE AND HOOPER PLANETARIUM

DANIEL OBSERVATORY

WILKINS CONFERENCE CENTER

BUTTERFLY GARDEN

WILDLIFE POND

WW

TH

TH

TH

TH

TH

ARBORETUM

W-E CABIN

COLE CABIN

HERB GARDEN

BARN

PARIS-OWINGS CABIN

SCHOOL HOUSE

HERITAGE GARDEN

LIVING HISTORY FARM AND SCHOOLHOUSE

LIVING HISTORY FARM AND SCHOOLHOUSE