

# STEMFest



## Inspiring Wonder

**Saturday, February 10**  
**9:00am-3:00pm**



### Friday Starry Nights

Shows at 6:00pm & 7:30pm  
Visit [RoperMountain.org](http://RoperMountain.org) for details



### Summer Exploration Camps

Guide available online now  
Member registration opens on February 19



### Butterfly Adventure

Be amazed with an up close encounter as hundreds of butterflies surround you in our butterfly adventure habitat.  
Returns June 1, 2018.



### RMSC Membership

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



## LIVING HISTORY FARM

SHUTTLE STOP ②

**Pasture Drone Racing with Happy Quads** - Check out the exciting world of first person view (FPV) drone racing (weather permitting).

**One Room School House** - Lessons at 10:30am, 11:00am, 11:30am, 12:00pm, 12:30pm

**Around the Farm** - See weaving, blacksmithing, woodworking, hearth cooking and test some gears.



## WILKINS CONFERENCE CENTER

SHUTTLE STOP ③

### Conference Center

- **ACE Mentoring** - Explore structures and the art of architecture with ACE Mentor Program of the Upstate.
- **Fisher Middle School** - Demonstrates their FIRST LEGO League robot on this year's competition field.



## GIANT DOME THEATRE AND HOOPER PLANETARIUM

SHUTTLE STOP ③

### Planetarium: Feature Shows

"Chasing the Ghost Particle" 10:00am, 12:00pm, 2:00pm

"Back to the Moon" 11:00am, 1:00pm

### Daniel Observatory (weather permitting)

Observe the sun with Roper Mountain Astronomers from 10:00am - 3:00pm



## FOOD TRUCKS

SHUTTLE STOP ③

### In front of Symmes Hall of Science:

- Chick-fil-a
- Resident Dogs
- Snow Castle



## SYMMES HALL OF SCIENCE

SHUTTLE STOP ③

### Hipp Auditorium

- **WHHS Robotics Big Robot Demonstrations** - 10:00am, 11:00am, and 12:00pm (20 minute shows)
- **BIG Science Stage Show** - Heat things up with our engaging stage show 1:00pm and 2:00pm.



HARRISON HALL OF NATURAL SCIENCE  
IS CLOSED DUE TO RENOVATION



## SYMMES HALL OF SCIENCE

SHUTTLE STOP ③

**Lab 1 Clemson EMAG!NE** - Test your engineering skills with staff and students from Clemson's School of Engineering EMAG!NE

**Lab 2 BMW** - Automatic guided vehicles, robotic arm, and circuit challenge

### Lab 3 & 5

- **ECPI** - VEX robots for visitors to test and maneuver; learn about mechatronics
- **WISE** - Join the Women in Science and Engineering of the United Way (WISE) in designing and building model rollercoasters!
- **East North Street Academy** - Girls Loving Science club will challenge you to solve real-world problems by coding Dash robots.

**Lab 4 Michelin** - Build a bridge to a wondrous future! Meet Michelin engineers and learn about the Michelin® X® TWEEL® airless tire. Test your engineering skill to design and build the strongest bridge until destruction!

**Lab 7 General Electric** - GE will Inspire Wonder in you as YOU become the engineer! Design a device to withstand the destructive forces of the Wrecking Ball and Smasher. Younger children can build an aluminum foil boat.

**Lab 8 Upstate STEM Collaborative** - Flex your STEM muscles with one of three quick challenges. Choose between building a boat, drawing a picture with a top, or roll the dice for a surprise challenge!

**Lab 9 AFL** - Interact with AFL's Light Island to see how different materials change the way light travels and experience the properties of light. Learn about reflection of light by building your own take-home hologram viewer!

**Lab 10 Fluor** - Join Fluor engineers and staff to make circuits, polymers, acids and bases and more. Learn what engineers do and take the bridge design challenge.

**Lower Lobby Synergy Mill** - Meet Synergy Mill, Greenville's premier Makerspace. Get handy with tools and see how their projects blend science and art.

### Upper Lobby

- **Computer Source, 3D Printers Too** - Come see a showcase of 3D printers and the latest 3D printing technology.
- **Maker Pipe** - Check out Maker Pipe's cool connectors and create something BIG (or small)!
- **Greenville Drive** - Enter a drawing for a Greenville Drive prize pack. Visit with mascot REEDY RIP'IT between 11:00am - 1:00pm!
- **Digitize Designs** - See and experience the amazing applications of 3D Scanning!
- **NEXT High School** - NEXT High School will share their unique projects including; an arcade game, textile STEAM projects and a VR experience!



RETURN TO RMSC ON MARCH 10, 2018  
FOR OUR SPACE DAY SECOND SATURDAY

2ND  
SAT



# Second Saturday

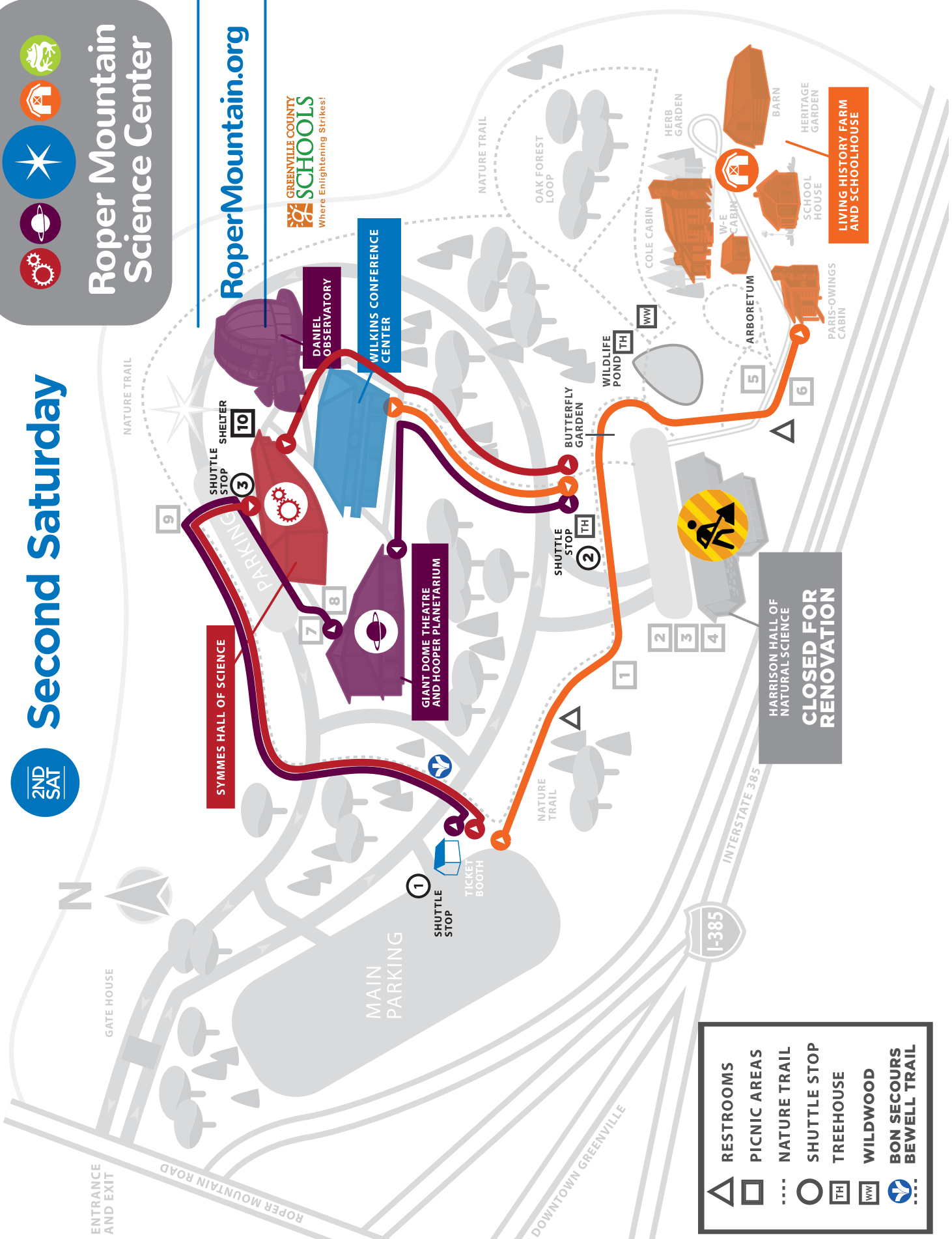


## Roper Mountain Science Center

### RoperMountain.org



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



GATE HOUSE

ENTRANCE AND EXIT

ROPER MOUNTAIN ROAD

PARKING

MAIN PARKING

SHUTTLE STOP

TICKET BOOTH

NATURE TRAIL

SHUTTLE STOP

BUTTERFLY GARDEN

WILDLIFE POND

NATURE TRAIL

OAK FOREST LOOP

COLE CABIN

HERB GARDEN

W-E CABIN

ARBORETUM

BARN

SCHOOL HOUSE

HERITAGE GARDEN

LIVING HISTORY FARM AND SCHOOLHOUSE

PARIS-OWINGS CABIN

HARRISON HALL OF NATURAL SCIENCE

CLOSED FOR RENOVATION



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INTERSTATE 385

DOWNTOWN GREENVILLE