



Home School Discovery Day

Friday, May 17
9:00am – 1:00pm

\$5 for adults and students ages 4-18.

Free for children age 3 and younger.

One ticket required per person; children must be accompanied by adult.

Last tickets sold at 12:00pm



**Roper Mountain
Science Center**

Purchase tickets at
RoperMountain.org
or at the gate.



A day of instructor-led lessons and demonstrations for Individual Families, Co-Ops, and Home School Associations



SYMMES HALL OF SCIENCE

Symmes Hipp Auditorium

Way Cool Science 10:30am, 11:30am, 12:30pm

Lab 1

Moon Landers The Eagle has landed! Design and build a lunar lander that will protect an astronaut.

Lab 2

Yumi Robot Demos Design and build a glider that can be thrown by Yumi the robot.

Lab 4

Blood Typing Workshop 9:30am, 10:00am, 10:30am, 11:30am, 12:00pm 12:30pm
Be a forensic scientist and use blood typing analysis to figure out who committed the crime.
Ages 11 and up only.

Lab 7

Spheros A-mazing rolling robots! Test materials and your skills to help the Sphero robot navigate through the maze the fastest.

Lab 10

Hide/Seek Moon + iPad apps Find "hidden" images on the moon and explore the moon and the solar system on our iPads.



LIVING HISTORY FARM

One Room School House

Typical 1900 School Day 9:00am, 10:00am, 11:00am

The Schoolmarm shares daily school life

Spelling Bee 9:30am, 10:30am, 11:30am

Heritage & Herb Gardens:

Garden Chores Dig into garden chores.

Organic Gardening Gardening & composting

Four Crib Barn

Farm Animals Meet our farm friends.

Corn Grinding Help grind corn to feed our chickens.

Kitchen Cabin

Learn about historic cooking, tools, and recipes.

Sample "a fine cooling draught," cooling cinnamon water.

Butter churning 10:30am-11:30am

Cole Cabin

Wool Washing Help us wash wool in the front yard.

Drop Spindle Spinning Demo

10:00am, 11:00am, 12:00pm

Blacksmith shop Ongoing demonstrations.



HARRISON HALL OF NATURAL SCIENCE

Discovery Room A

Reptile Mania Hands-on activities with snakes, bearded dragons, turtles & more.

Live Alligator Showing 9:30am, 10:30am, 12:30pm

Discovery Room B

Wiggly Worm Experiments Experiment with earthworm structure and behaviors.

Rainforest Lab

Animal Detectives Use observation skills to identify animal bones, scats, clues, and signs.

Paleontology Lab

Dinosaur AR and VR Discovery

Mineral Lab

Rock & Mineral BINGO

Marine Lab

Hands-On Marine Animals Get up close and personal with our marine touch tank animals.

Ecology Lab

Pollinator Engineers 9:30am, 10:30am 11:30am, 12:30pm - Become an agricultural engineer as you use the design process to mimic the role of bees as pollinators.

Butterfly Garden and Pavilion (Outside)

10:00am - 12:00pm - Learn about butterflies and butterfly gardening with our garden volunteers.



GIANT DOME THEATRE & HOOPER PLANETARIUM

Planetarium Shows 10:00am, 11:00am, 12:00pm

Feature Show *ASTRONAUT*

Rollercoaster Ride Europa Ice Slide

Observatory

View the Sun 10:00am - 1:00pm



FOOD

Chick-fil-A of Pelham Road





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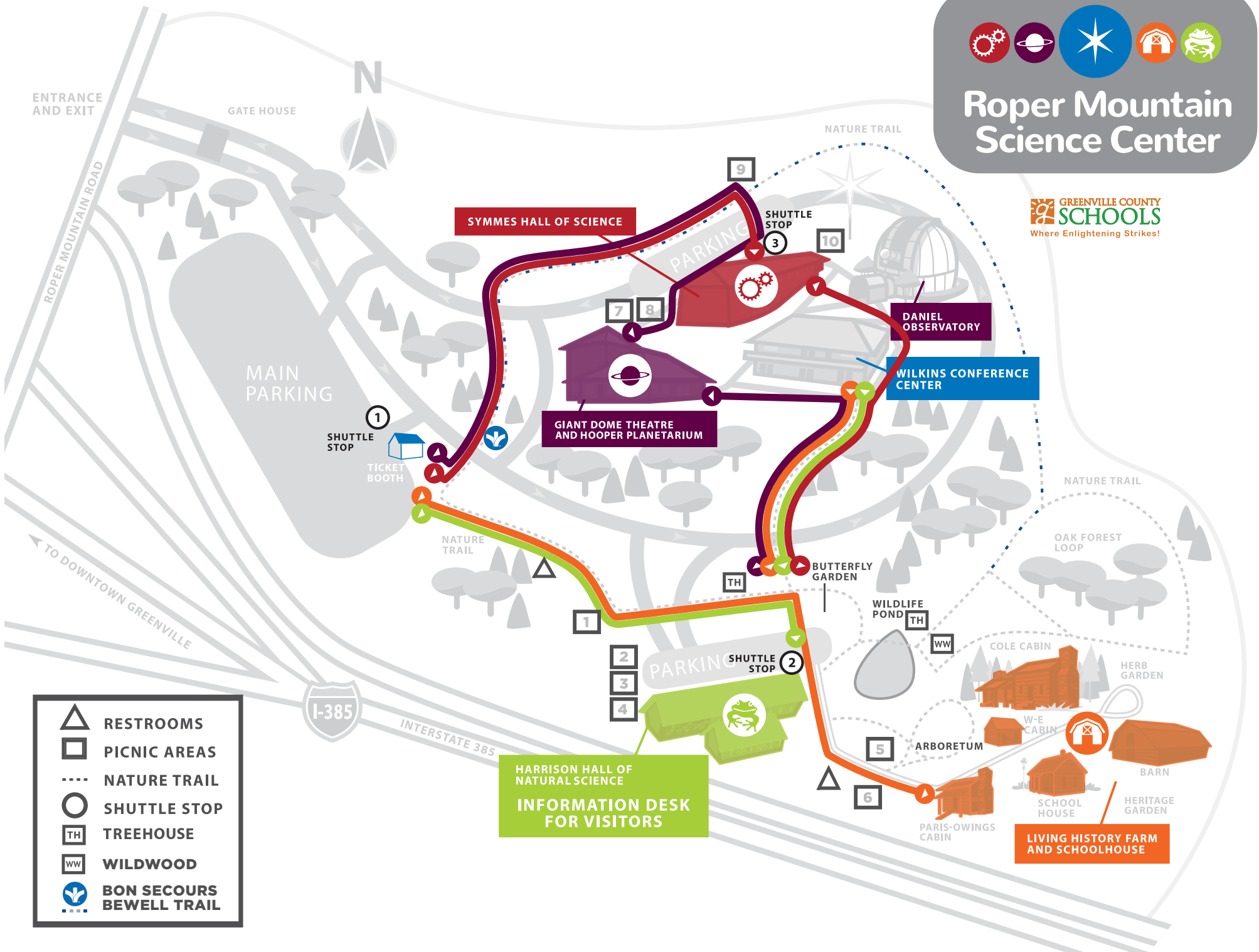
Start Time	HARRISON HALL OF NATURAL SCIENCE								LIVING HISTORY FARM					SYMMES HALL OF SCIENCE						HOOPER PLANETARIUM
	Discovery Room A	Discovery Room B	Rainforest Lab	Paleo Lab	Mineral Lab	Marine Lab	Ecology Lab	Butterfly Garden	One Room School House	Heritage & Herb Gardens	Four Crib Barn	Cabin Kitchen	Cole Cabin	Lab 1	Lab 2	Lab 4	Lab 7	Lab 10	Hipp Auditorium	Planetarium
9:00	Reptile Mania	Wiggly Worms	Animal Detectives	Dinosaur AR & VR Discovery	Rock & Mineral BINGO	Hands-On Marine Animals	Open	Open	Typical 1900s School Day	Garden Chores & Organic Gardening	Farm Animals & Corn Grinding	Historic Cooking	Wool Washing	Moon Landers	Yumi Robot Demos	Closed	Spheros	Hide/Seek Moon	Closed	Lobby Open
9:30	Live Alligator Showing	Wiggly Worms	Animal Detectives	Dinosaur AR & VR Discovery	Rock & Mineral BINGO	Hands-On Marine Animals	Pollinator Engineers	Open	Spelling Bee	Garden Chores & Organic Gardening	Farm Animals & Corn Grinding	Historic Cooking	Wool Washing	Moon Landers	Yumi Robot Demos	Blood Typing Workshop	Spheros	Hide/Seek Moon	Closed	Lobby Open
10:00	Reptile Mania	Wiggly Worms	Animal Detectives	Dinosaur AR & VR Discovery	Rock & Mineral BINGO	Hands-On Marine Animals	Open	Butterfly Gardening	Typical 1900s School Day	Garden Chores & Organic Gardening	Farm Animals & Corn Grinding	Historic Cooking	Drop Spindle Spinning Demo	Moon Landers	Yumi Robot Demos	Blood Typing Workshop	Spheros	Hide/Seek Moon	Closed	• <i>ASTRONAUT</i> • <i>Europa: Ice Slide</i>
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12:00	Reptile Mania	Wiggly Worms	Animal Detectives	Dinosaur AR & VR Discovery	Rock & Mineral BINGO	Hands-On Marine Animals	Open	Open	Outside Games	Garden Chores & Organic Gardening	Farm Animals & Corn Grinding	Historic Cooking	Drop Spindle Spinning Demo	Moon Landers	Yumi Robot Demos	Blood Typing Workshop	Spheros	Hide/Seek Moon	Closed	• <i>ASTRONAUT</i> • <i>Europa: Ice Slide</i>
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1:00	Closed – Thank you for attending!								Closed – Thank you for attending!					Closed – Thank you for attending!						Closed – Thank you for attending!

“Shaded” blocks indicate mini lessons and hands-on demonstrations.



Roper Mountain Science Center

GREENVILLE COUNTY
SCHOOLS
Where Enlightening Strikes!



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