



# Home School Discovery Day

Friday, Sept. 14  
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](http://RoperMountain.org)  
or at the gate.

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



### HARRISON HALL OF NATURAL SCIENCE

#### Discovery Room A

**Hands on Vertebrates** — Take a hands-on approach to learning about these amazing animals

#### Discovery Room B

**Caterpillar Raising 101** — Learn how to raise caterpillars from an expert

#### Rainforest Lab

**Poison Dart Frog Discovery** — Introduction to these poisonous amphibians, their life cycle and food chains

#### Paleontology Lab

**Fossil Exploration** — Search for fossils in our paleo boxes and visit our outdoor fossil pit

#### Mineral Lab

**Panning for Gemstones** — Come pan in our mineral sluice and learn about mining and gem identification

#### Design Lab

**Owl Pellet Dissection** — Learn about the eating habits of owls through dissecting an actual owl pellet

#### Marine Lab

**Marine Touch Tanks** — Get up close and personal with our marine animals

#### Ecology Lab

**Citizen Science** — Introduction of real-time data collection and collaboration with professional scientists

- **Journey North** — Learn how to journal and report Monarch butterfly sightings at home
- **Project FeederWatch** — Learn bird ID basics to count feeder birds

#### Butterfly Garden

Learn about butterflies and butterfly gardening with the help of our Master Gardener volunteers



### LIVING HISTORY FARM

#### One Room School-House

- Typical 1900s School Day — The Schoolmarm shares the daily school life
- Come out and play

#### Heritage & Herb Garden

- Organic Gardening
- Garden Chores — Help with garden chores

#### Kitchen Cabin

- Enjoy a sample of old fashioned apple cider

#### Main Log Cabin

- Historic Toys — Have fun playing with toys from long ago
- Weaving
- Indigo Dyeing Demonstraion — 10:30am only

#### Barn

- Come visit our horse, cow, sheep, chickens, and Wilbur the pig
- Help us feed our chickens and pig

#### Woodworking Area

- Historic hand tools and wood carving demonstrations



### GIANT DOME THEATER AND HOOPER PLANETARIUM

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

- Feature Show: *Habitat Earth* — Explore the ways in which living networks connect and support life forms large and small, from colonies of tiny microbes to our ever-expanding human societies, as you discover what it means to live in today's connected world.
- Rollercoaster Ride: Europa Ice Slide



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## HARRISON HALL OF NATURAL SCIENCE



## LIVING HISTORY FARM



## HOOPER PLANETARIUM

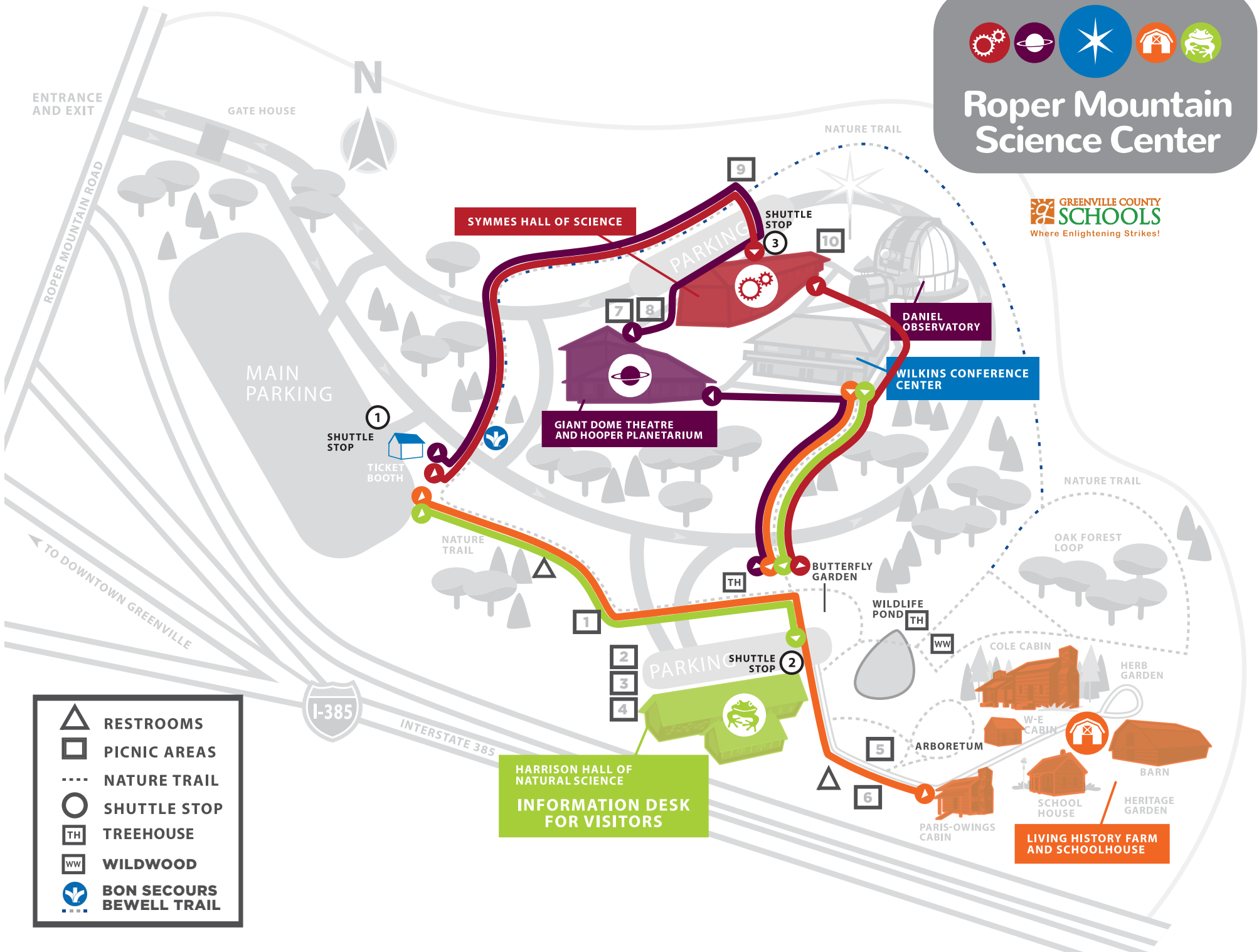
Start Time	Discovery Room A	Discovery Room B	Rainforest Classroom	Paleo Lab	Mineral Lab	Design Lab	Marine Lab	Ecology Lab	Butterfly Garden	One Room School House	Heritage Garden	Cole Cabin Kitchen	Cole Cabin	Barn	Wood-working Shelter	Planetarium
9:00	Hands on Vertebrates	Caterpillar Raising 101	Open	Fossil Exploration	Panning for Gemstones	Owl Pellet Dissection	Marine Touch Tanks	Open	Closed	Typical 1900s School Day	Organic Gardening	Apple Cider Tasting	Historic Toys	Farm Animals	Wood working Demo	Lobby Open
9:30	Hands on Vertebrates	Open	Poison Dart Frog Discovery	Fossil Exploration	Panning for Gemstones	Closed	Marine Touch Tanks	Citizen Science - Project Feeder Watch	Open	Typical 1900s School Day	Garden Chores	Apple Cider Tasting	Weaving	Farm Animals	Wood working Demo	Lobby Open
10:00	Hands on Vertebrates	Caterpillar Raising 101	Open	Fossil Exploration	Panning for Gemstones	Owl Pellet Dissection	Marine Touch Tanks	Open	Open	Typical 1900s School Day	Organic Gardening	Apple Cider Tasting	Historic Toys	Farm Animals	Wood working Demo	<ul style="list-style-type: none"> <li>Habitat Earth</li> <li>Europa: Ice Slide</li> </ul>
10:30	Hands on Vertebrates	Open	Poison Dart Frog Discovery	Fossil Exploration	Panning for Gemstones	Closed	Marine Touch Tanks	Citizen Science - Project Feeder Watch	Open	Typical 1900s School Day	Garden Chores	Apple Cider Tasting	Indigo Dyeing Demo	Farm Animals	Wood working Demo	
11:00	Hands on Vertebrates	Caterpillar Raising 101	Open	Fossil Exploration	Panning for Gemstones	Owl Pellet Dissection	Marine Touch Tanks	Open	Open	Outside Games	Organic Gardening	Apple Cider Tasting	Weaving	Farm Animals	Wood working Demo	<ul style="list-style-type: none"> <li>Habitat Earth</li> <li>Europa: Ice Slide</li> </ul>
11:30	Hands on Vertebrates	Open	Poison Dart Frog Discovery	Fossil Exploration	Panning for Gemstones	Closed	Marine Touch Tanks	Citizen Science - Journey North	Open	Outside Games	Garden Chores	Apple Cider Tasting	Historic Toys	Farm Animals	Wood working Demo	
12:00	Hands on Vertebrates	Caterpillar Raising 101	Open	Fossil Exploration	Panning for Gemstones	Owl Pellet Dissection	Marine Touch Tanks	Open	Open	Outside Games	Organic Gardening	Apple Cider Tasting	Weaving	Farm Animals	Wood working Demo	<ul style="list-style-type: none"> <li>Habitat Earth</li> <li>Europa: Ice Slide</li> </ul>
12:30	Hands on Vertebrates	Open	Poison Dart Frog Discovery	Fossil Exploration	Panning for Gemstones	Closed	Marine Touch Tanks	Citizen Science - Journey North	Open	Outside Games	Organic Gardening	Apple Cider Tasting	Historic Toys	Farm Animals	Wood working Demo	
1:00	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