

# 8TH



## Roper Mountain

A 402 Roper Mountain Road  
Greenville, SC 29615

P 864.355.8900

[RoperMountain.org](http://RoperMountain.org)



GREENVILLE COUNTY  
**SCHOOLS**  
Inspire | Support | Prepare

## MIDDLE SCHOOL ASSEMBLY COMBINATIONS

### MOTION, WAVES, AND EARTH'S PLACE IN THE UNIVERSE

**Schedule up to 300 students on the same day**

**10:00am to 12:15pm**

Divide your classes into two groups (up to 150 students each) and attend two incredible shows back-to-back in the Auditorium and Hooper Planetarium and Giant Dome Theater. Greenville County students are free. Other students are \$12 for the assembly combination. Lunch will be scheduled from 12:15pm - 12:45pm.

### 8th Grade

#### Force, Impacts, and Energy

[Hipp Auditorium — Symmes Hall of Science — 60 Minutes](#)

The Force is Right! You could be the next contestant on our physical science themed game show! Check out our most thrilling physics demonstrations of waves, collisions, and forces! We'll observe and analyze collisions--some involving audience members! Get ready to see sound waves dancing--in fire! We will also test a giant electromagnet! How much can it lift? Get ready to see how much fun physics can be!

Science Standards: 8-PS2-1, 8-PS2-2, 8-PS2-3, 8-PS4-1

### AND

#### Earth's Place in the Universe

[Hooper Planetarium and Giant Dome Theater — 60 Minutes](#)

Earth, moon, sun and stars ... we'll take a journey to investigate the mysteries of our solar system and beyond. Why does Earth stay in orbit? How often do the moon phases repeat? Exactly how big is the sun? What galaxies are closest to our own? We'll explore the answers to these questions and more in a unique setting that will engage your senses; under our immersive, giant 50-foot curved dome of the Planetarium. Students will walk away with a greater understanding of the Earth and Space Science Performance Expectations after this specially aligned lesson.

Science Standards: 8.ESS1-1, 8.ESS1-2, 8.ESS1-3

[CLICK HERE FOR REGISTRATION FORM](#)



# Roper Mountain

## 2023-2024 Middle School Scheduling Request Form

Email form to: [liphilli@greenville.k12.sc.us](mailto:liphilli@greenville.k12.sc.us)

Questions? 864.355.8925

### Priority Registration Deadline August 25, 2023

We will continue to accept registrations after original priority deadline expiration.

School: \_\_\_\_\_ District: If not Greenville County Public School \_\_\_\_\_

Mailing/Billing Address: Required if not Greenville County Public School \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Coordinating Teachers

Total # of Students (for all teachers) \_\_\_\_\_

1 - Name: \_\_\_\_\_ first last Phone \_\_\_\_\_ E-mail: \_\_\_\_\_ Please print clearly

2 - Name: \_\_\_\_\_ first last Phone \_\_\_\_\_ E-mail: \_\_\_\_\_ Please print clearly

### Grade Level

Please rank (1-4) the months you prefer to visit. Do not rank months you are not willing to attend

6 7 8 \_\_\_\_\_ September/October \_\_\_\_\_ November/December \_\_\_\_\_ January/February \_\_\_\_\_ March/April

### Choose Your Program

Hands on Learning Labs

Assembly Combo

Either

Grades 6 & 7 may request a second visit based on availability.

Check here if you would like to be contacted for an additional visit.

**Hands on Learning Labs**  
(Grade 6 & 7 only - max 150/day)

#### Grade 6

Cataclysmic Collisions  
January - April only

#### Grade 7

EcoSolutions  
September - January only  
Ecology Survival Challenge  
January - April only

#### Grade 8

Not Available

Lunch is scheduled as part of your visit.

**Auditorium & Planetarium Assembly Combo**  
(Max 300/day)

#### Grade 6

Clouds, Climates and Catastrophes! AND  
"Dynamic Earth" OR  
"Tales of the Maya Skies"

#### Grade 7

Way Cool Science! and "Habitat Earth"

#### Grade 8

Forces, Impacts and Energy and  
"Earth's Place in the Universe"

#### Optional Lunch - Assembly Combo Only

Lunch is available from our cafe immediately following your program. Check here to indicate if you will be staying for lunch.

Staying Not Staying

### OFFICE USE ONLY

\_\_\_\_\_ Date Received ☐ Entered Spreadsheet ☐ Entered Altru

Program Scheduled \_\_\_\_\_ Date \_\_\_\_\_ Email offer \_\_\_\_\_ ☐ Accepted ☐ Declined

Alternative Offer \_\_\_\_\_ Received