



GRADES 9-12

Ski Industry Day (Grades 6-8)



Give your students a behind-the-scenes look at what keeps a ski resort running! This interactive field trip introduces students grades 6-8 to the ski industry with engaging demonstrations and hands-on activities from departments like Ski Patrol, Lift Maintenance, and Snow Grooming. From learning how lifts are maintained to seeing how snowcats shape the slopes and how ski patrol mitigates avalanches, students will gain insight into the teamwork, technology, and problem-solving that power the mountain every day.

Length: 2 hours
Season: Winter
Location: Mt. Rose

Ski/Snowboard Lesson (Grades 9-12)



Hit the slopes and learn to ski or snowboard! Whether students are first-timers or already carving turns, this field trip offers something for everyone. With professional instructors, students can choose to learn the basics of skiing or snowboarding or build on their existing skills in a safe, supportive environment. From learning how to glide and stop to exploring beginner runs, it's a fun-filled day of fresh air, movement, and mountain adventure!

Length: 2 hours

Season: Winter

Required Activity: Skiing and/or Snowboarding

Location: Mt. Rose

Applicable Standard: NVPES 3.12.2

Snow Science & Safety with Ski Patrol

(Grades 9-12)



Join ski patrol for an in depth look at mountain science in action. High school students will explore topics such as snowpack layers, snow crystal formation, snow friction, and avalanche safety. Using real SNOTEL data and hands-on field techniques, students will analyze snow conditions and learn how science supports decision making on the mountain. This unique experience combines applied physics, earth science, and outdoor safety in a world environment.

Length: 2 hours

Season: Winter

Required Activity: Hiking/Snowshoeing/Skiing

Location: Mt. Rose

Applicable Standard:

- NVPES 3.2.2, 3.5.2
- HS-ESS2-2, HS-PS4-2 , HS-PS4-5

Sustainability (Grade 9-12)



High school students will explore real world environmental challenges through field-based learning at Mt. Rose. These trips examine changes in ecosystem populations over time, exploring the causes and impacts through the lens of sustainability. Topics include climate change, carbon cycling, and how human activities impact natural systems. Students will use local data and observation to investigate how the resort manages its ecological footprint and adapts to a changing climate. These trips encourage critical thinking, scientific inquiry, and environmental responsibility.

Length: 2 hours

Season: Winter

Required Activity: Hike/Snowshoe

Location: Mt. Rose

Applicable Standards:

- Sustainability: HS-ESS2-4, HS-ESS2-6, HS-ESS3-4
- Evolution & Ecosystems: HS-LS4-4, HS-LS4-5, HS-LS2-6, HS-LS2-7

Technical Education: Mountain Operations

(Grades 9-12)



These field trips offer students a behind-the-scenes look at the technical skills used by our Mountain Operations departments. Designed for those interested in technical career paths, the experience provides an opportunity to observe our Lift Maintenance and/or Vehicle Maintenance teams in action, depending on each class's area of interest. Focus areas can include, but are not limited to:

- Automotive Technology
- Building Trades in Construction Technology
- Diesel Technology
- Metalworking
- Welding Technology

Depending on the season and mountain conditions, students may observe in-shop repairs or on-hill maintenance operations.

Length: 2 hours – full day

Season: Fall/Winter/Spring

Required Activity: Hiking/Snowshoeing/Skiing

Location: Mt. Rose

Applicable Standard:

- CONTENT STANDARD 1.0: INTEGRATE CAREER AND TECHNICAL STUDENT ORGANIZATION
- Other content standards applicable depending on the maintenance of the day

Wildslide Snow Tubing (Grades 9-12)



Get ready for nonstop winter fun on the mountain! This field trip takes students to the Wildslide tubing hill at Mt. Rose, where they'll zoom down snowy lanes in inflatable tubes, no experience necessary. With a magic carpet ride back to the top, it's easy for everyone to join the fun. Perfect for all ages, this exciting adventure offers a safe and thrilling way to enjoy the snow and unforgettable moments with friends!

Length: 1-3 hours
Season: Winter
Required Activity:
Location: Mt. Rose

Custom Program

Looking for a unique and educational mountain experience? We offer custom field trips at Mt. Rose Ski Tahoe for any grade level, designed to align with Nevada educational standards. Whether your focus is on the ski industry, snow and water science, local ecology, snowshoeing, skiing, or snowboarding, we'll work with you to build a hands-on, engaging program that fits your curriculum.

In addition to standards-based trips, we're also happy to dive deeper into topics that spark student curiosity, even if they don't directly tie to classroom requirements. And if a visit to the mountain isn't possible, we can adapt many of our programs to bring the mountain experience directly to your classroom.

Career Day



Step behind the scenes of the Mt. Rose ski resort with our hands-on Mountain Career Day! High school students will have the unique opportunity to shadow professionals across a variety of departments. Through interactive, real-world experiences, students will explore diverse career paths, gain insight into daily operations, and see what it takes to keep a mountain resort running smoothly. It's a day of discovery, inspiration, and practical learning on the slopes!

Departments:

- Ski Patrol
- Ski School
- Lift Maintenance
- Lift Operations
- Vehicle Maintenance
- Sustainability
- Food & Beverage
- Rentals/Repairs

Contact Us

Kelli Callahan
P: 775.849.0704

kcallahan@skirose.com

Visit
skirose.com/snow-days
for more information as
well as booking info.

