

VALLES CALDERA NATIONAL PRESERVE

Science and Education Center School Programs

Middle - High School Programs - Fall 2010

Restoration Monitoring Project (RMP)

The Restoration Monitoring Project allows students to study the response of wildlife to forest restoration treatments (thinning and prescribed fire) in restored and unrestored forests on the Preserve. Students will learn how to make field wildlife observations, use problem-solving techniques, develop research skills, and employ decision making skills to test hypotheses and evaluate forest restoration success. Studies will be conducted through surveying, monitoring, and field data collection, followed by sample processing and data analysis in the laboratories at the Science and Education Center in Jemez Springs.

Seasonal Programs:

Fish Shocking

Each spring and fall fish, populations are monitored using electro-fishing methods on the Preserve to determine the species composition and fish densities in Preserve streams.*

Frog-call Surveys

Spring surveys will be conducted to determine where frogs are calling on the Preserve to identify breeding sites and abundances.*

Create your own study

The Preserve supports research and education programs across many scientific fields including but not limited to ecology, animal biology, entomology, geology, soil science, archaeology, climatology, limnology, and natural resources management. Join the countless number of studies that are being independently conducted through Universities and public schools on the Preserve and at the Science and Education Center. Please contact our Preserve staff on the types and locations on potential student-run Science projects.



RMP Logistics

Duration : 1-2 days with overnight stay at the SEC

When : Wed – Fridays
September - November

Time:

1 day program

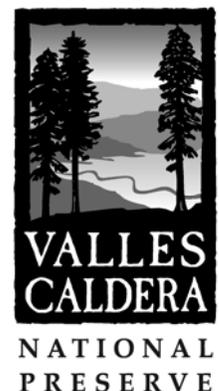
Arrive Wed. or Thurs. pm
Depart Thurs. or Fri. pm

2 day program

Arrive Wednesday pm
Depart Friday pm

Where: Science and Education Center and The Preserve.

*This study is limited to a certain number of participants and only offered seasonally. Pre-trip activities from the teacher training packet should be completed before visiting the Preserve.



For more information or to register
Contact us:
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