



MOUNT WASHINGTON OBSERVATORY

the premier institution for mountain weather & climate expertise



A NATURAL CLASSROOM

**EDUCATIONAL
PROGRAMS**



INTRO

Mount Washington Observatory (MWOBS) is a nonprofit organization with a mission to advance understanding of the natural systems that create Earth's weather and climate. In support of this mission, MWOBS offers a menu of K-12 educational Science, Technology, Engineering and Math (STEM) programming aligned with the Next Generation Science Standards (NGSS). This school year, explore weather and climate with our experienced staff, gain educational resources, and experience the "Home of the World's Worst Weather" with your students!

FUNDING

MWOBS recognizes the various funding scenarios a school may face, and we do not want this to be a barrier to STEM learning experiences. Thus, MWOBS offers financial support through our in-house "Scholarship Fund", or through various grant requests. If your school is in need of financial support, please contact us at education@mountwashington.org to explore funding options!





SCHOOL DAY

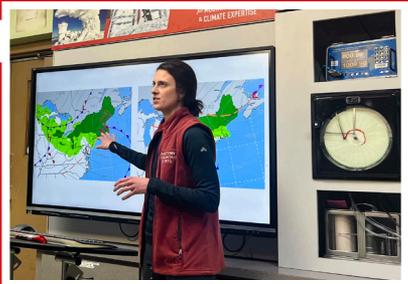
IN PERSON

Exciting in-classroom programming delivered by our science educators. Our programs are aligned with NGSS for K-12 weather and climate. Programs are designed to be modular and customizable. MWOBS also offers pre/post-visit lessons in support of your STEM curriculum.



VIRTUAL

Our weather observers will connect with your classroom virtually from our Mount Washington summit weather station to share their knowledge and engage with your students. Learn about Mount Washington's extreme weather, what it's like to live on the "Rockpile" and career opportunities in meteorology!



AFTER-SCHOOL

Our play-based, interactive "Junior Weather Observer" afterschool program is designed to keep students actively learning about weather, climate, climate change, and data literacy. By the end of the program, students will complete their "Weather Journal" and earn their "Junior Weather Observer" certification!





Take learning
beyond your
classroom and up
to the summit of Mount
Washington!

MWOBS has partnered with
the Mount Washington Cog
Railway and Mt. Washington
Auto Road to provide a
comprehensive field trip
experience for K-12 students.





FIELD TRIPS

SUMMIT TRIPS

Late spring thru early fall (May-Oct), our team of science educators will lead your students up to the “Home of the World’s Worst Weather”. For the duration of the trip, students will participate in hands-on activities, such as data collection or engineering challenges, and meet our summit team. Our weather observers will provide a tour of our summit weather station, and perhaps, your students will be treated to an appearance by our summit cat, Nimbus!

WINTER TREE LINE TRIPS

Join our science educators on an exciting trip up to Mount Washington’s tree line and experience some of the weather conditions the mountain is known for. Similar to our summit trips, our educators will be your trip guide and lead your students through hands-on activities and community science initiatives such as Community Snow Observations.

Due to summit facilities being closed during the winter season, this trip does NOT include the weather station.



TEACHER PROFESSIONAL DEVELOPMENT

Join us for our two teacher professional development programs, “Arctic Wednesdays” (in winter) and “Peak Perspectives” (in summer)! During Arctic Wednesdays, you’ll be able to join our summit crew on their snowy commute to the summit. This day trip includes an in-depth weather station tour, hands-on activities, and the opportunity to connect with your students back in your classroom via videoconference.



MWOBS is excited to continue our newest program, “Peak Perspectives”. Join our team for a summit overnight during the summer season to learn more about our work in STEM education and how to integrate it into your classroom!

SCHOOL MEMBERSHIP PROGRAM

INTERESTED IN EXTENDED PROGRAMMING? Our School Membership Program is designed to provide schools with several hours of programming to mix and max at a discounted rate. Apply these hours towards in-person and virtual sessions, and then join us on a field trip!

BASE CAMP

6 Hours of Programming

- Discounted program rates, no mileage fees*
- Choice of program formats (school visit, virtual, field trip)



BOREAL FOREST

10 Hours of Programming

- Discounted program rates, no mileage fees*
- Choice of program formats (school visit, virtual, field trip)



TREE LINE

15 Hours of Programming

- Discounted program rates, no mileage fees*
- Choice of program formats (school visit, virtual, field trip)
- *Weather station for your school with supporting curriculum*



SUMMIT

30 Hours of Programming

- Discounted program rates, no mileage fees*
- Choice of program formats (school visit, virtual, field trip)
- *Weather station for your school with supporting curriculum*



*For schools located in Grafton, Carroll, Coos County, NH and Oxford County, ME. Applies to all membership levels.

CONTACT US

Ready to take your classroom's learning
to new heights with MWOBS's K-12 programming?

Contact us or visit our website, www.mountwashington.org/education,
for more information regarding pricing and funding options.



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Learn More

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