

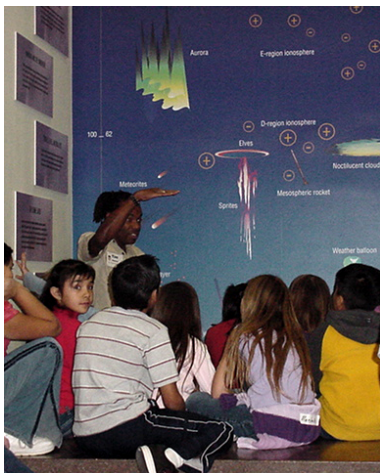
What is UCAR Education?

UCAR's formal education programs combine the state-of-the-art science and engineering from NCAR and our UCAR institutions with research-based best practices in curriculum development, instructional design, teacher professional development, educational technology and evaluation, offering a comprehensive suite of STEM education capabilities to meet student and teacher needs.



What does UCAR offer?

- * Virtual and In-Person Teacher and Student Programs, with an emphasis on climate, weather and atmospheric sciences.
- * STEM Content Libraries for K-20 students, including NSDL, DLESE, and MetEd.
- * Synchronous and Asynchronous Teaching Platforms and Virtual Education Communities, incorporating the latest in instructional design.
- * National and International Networks of STEM Teachers and Students
- * End-to-End Evaluation Capabilities



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UCAR Education Programs

COMET is a leader in education for professionals in the environmental sciences. The MetEd website offers hundreds of modules designed for training and certification. COMET provides high quality instructional design, synchronous and asynchronous distance learning platforms, and in-person trainings. (www.comet.ucar.edu)

Digital Learning Sciences/NSDL: DLS creates state-of-the-art virtual education experiences, tying the 125,000 assets in the National Digital Science Library to teachers and school districts across the country. (dlsciences.org and nsdl.org)

UCAR Evaluation Group: From beginning to end, UCAR Evaluation helps design and implement assessment of educational programs and products, using instruments specifically designed to meet the program needs.

GLOBE: With thousands of students in 113 countries, GLOBE is a worldwide hands-on, primary and secondary school-based science and education program that gets students collecting climate and weather data and putting it into a global framework. (www.globe.gov)

UCAR Center for Science Education offers wheels-to-the-ground education products and services for the atmospheric and geoscience communities, ranging from teacher professional development and classroom materials to student programs and informal education and public outreach. (www.scied.ucar.edu)



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