



NYSSLS Science Content Minicourses For P-8 Teachers and Administrators



The New York State Master Teacher Program in partnership with the Western Section of the Science Teachers Association of NYS are offering science content minicourses. Please join us in this professional development in preparation for the Next Generation of NYS Science Learning Standards.

Participants will learn science content while using the **Three Dimensional Learning** as outlined in the Framework for K-12 Science Education.

When: May 21, 23, 28, 30
5:00 pm - 8:00 pm
Food and beverages available at 4:30.
Where: SUNY Buffalo State
Who: This workshop is open to all preK - 12 science teachers and administrators
Cost: There is no Cost to attend this workshop.
CTLE: All participants will earn 12 hours of CTLE professional development

Matter and Interactions

NYSSLS Cross Cutting Concept: Energy & Matter; Grades 2, 5, and MS: PS1
This minicourse builds ideas about the nature of matter and interactions. We will explore the small particle model of matter and how this model can be used to explain the characteristics of solids, liquids and gasses. We will also investigate physical changes versus chemical changes, and conservation of mass. We will also explore the NGSS learning progressions and performance indicators in physical science.

Rocks, Minerals, Natural Resources and their Uses

Grades 2, 5, MS
Participants will explore the properties of minerals and rocks to determine which are best suited for human use. There will be a focus on how Earth's natural resources are used or in some cases, overused. We will also explore the basics of rock and mineral formation. [Note: Not intended for Earth Science certified teachers]

Register at MSMT.buffalostate.edu/professional-development-WNY-teachers
Questions? Please contact the Master Teacher Program at MSMT@buffalostate.edu.



BUFFALO STATE
The State University of New York



Science Teachers Association of New York State
Western Section