Teacher Professional Development Institute

TRUST Summer Institute: Earth and Space Science

Institute Overview
Taught by a team of Museum scientists and science educators, the TRUST Summer Institute in Earth and Space Science is designed to provide an intensive science content-rich experience for teachers.

The two-week summer institute is organized around essential questions. Exploration of each question includes a scientific lecture by Museum scientist, investigations in Museum exhibitions, earth science labs, and field experiences. Teachers will use educator guides and learning activities in the Dorothy and Lewis B. Cullman Hall of the Universe, the David S. and Ruth L. Gottesman Hall of Planet Earth and in the Hayden Planetarium.

Essential Questions

Space Science
What is Earth?
How old is Earth?
Where is Earth?
Why is Earth warm?
How does Earth move?

Earth Science
How has Earth evolved?
What is the nature of the inner Earth?
Why does Earth's Surface look the way it does?
What causes climate and climate change?
How is climate change affecting Earth?

Professional Development Institute
August 1-12, 2016
8:30 a.m. to 3:30 p.m.

The goals of the Institute are to support middle and high school science teachers in strengthening their content knowledge in Earth and Space Science and to prepare teachers for using Museum resources and exhibits to engage their students.

Teachers taking the course for credit will be required to complete assignments designed to encourage reflection on learning, application in the classroom, and capacity for using museum exhibits and resources with students. If you have questions or need additional information, please email drandle@amnh.org

How to Register?

Lehman College
• Science education students seeking certification in Earth Science, grades 7-12
• Certified Teachers seeking dual certification in Earth Science, grades 7-12 (matriculation not required)

Contact:
Lehman College application:
Dr. Heather Sloan,
heather.sloan@lehman.cuny.edu

Brooklyn College
• Science teachers grades 1-6
• Science education students seeking certification in Earth Science, grades 5-9 or 7-12
• Certified Teachers seeking dual certification in Earth Science, grades 7-12 (matriculation not required)
• Non-matriculated students must apply to Brooklyn College as Non-degree students by June 30.

Contact:
Matriculated BC students request permission to register from Ms. Naomi Kreutzer
kreitzer@brooklyn.cuny.edu

Supported by the Carnegie Corporation of New York.

amnh.org/learn-teach