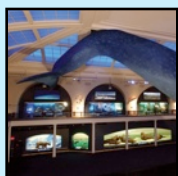


Curriculum Topic Study: Fall 2009 9:30 - a.m. to 4:30 p.m.

Curriculum Topic Study at the Museum is a day-long class designed to help K-12 educators focus on what adults and students at all grade levels should know about specific scientific content areas. The Curriculum Topic Study (CTS) approach clarifies the intent of standards and core-curricula for which teachers are accountable. During each session participants engage in a scholarly exploration of a science topic through reading, viewing, and discussing popular science literature; national, state, and local standards; cognitive research; and state-of-the-art museum resources — from websites to exhibitions and physical specimens.

Teachers participating in CTS sessions gain a deeper understanding of science content and strategies for instructing students in developmentally appropriate ways, both in the classroom and at the Museum.



Science as Inquiry (Saturday, November 7)

Examine how scientific inquiry is built on the interaction of evidence and logical reasoning. This session incorporates Museum collections, the vertebrate fossil halls, and the Hall of Ocean Life to explore the understandings about scientific inquiry and the nature of science. A “behind the scenes” tour of AMNH collections will provide an inside look at the work of AMNH scientists.

Plate Tectonics (Saturday, November 21)

Investigate how convection of the Earth’s mantle causes rocky plates to move across the planet’s surface. We will spend time in the Hall of Planet Earth and the Hall of the Universe.

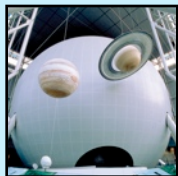


Fossil Evidence for Evolution (December 5)

This session explores the intersection between geologic time and biological evolution to uncover what fossils tell us about the history of life on Earth. We will spend time in the Hall of Human Origins and the Museum’s vertebrate fossil halls looking at patterns of relationship and adaptation.

Rocks and Minerals (Saturday, December 12)

Use the rock cycle and techniques for identifying rocks and minerals to unlock clues about Earth’s history. We will spend time in the Hall of Planet Earth, Hall of Meteorites, and the Hall of Minerals and Gems.



Solar System (Coming in 2010)

Explore the formation, organization, and scale of our Solar System. We will spend time in the Hall of Planet Earth, Hall of Meteorites, and the Hall of the Universe, including the Hayden Planetarium space show, *Journey to the Stars*.

TO REGISTER: Phone the Museum’s Central Reservations line at 212-769-5200.

FEE: \$35 per person (includes breakfast, lunch, AMNH resources)

Come with a team of three or more teachers from your school and receive an *Atlas of Science Literacy* two-volume set for your school.

Attend two different CTS sessions this fall and receive a one year AMNH family membership.

Teacher professional development sessions, offered through the Museum’s Gottesman Center for Science Teaching & Learning, are made possible by a generous grant from The Louis Calder Foundation.

For more information go to amnh.org/education/teachers and click on Curriculum Topic Study.