

Teacher Cohort Academy 2016-2017

STEAM-focused Professional Development Program for K-12 Educators

AN OVERVIEW

Program Background

Our field trip and educator programs are the most effective avenue for the Oriental Institute to fulfill its mission to bring an accurate understanding of and appreciation for the ancient Middle East to the next generation. For schools, ancient Middle Eastern history lends itself as a natural lens to teach STEAM (Science, Technology, Engineering, Art, and Mathematics) as it is the time and place where the earliest innovations took place.

The Teacher Cohort Academy offers teachers a structured pathway to collaborate with their school colleagues as well as professionals in the field of archaeology, Egyptology, curation, artistry, engineering, and museum education while exploring STEAM subjects in the ancient world through various primary sources including artifacts, historical archives, narratives, and authentic research data.

A total of twelve teachers from six schools in the Chicago metropolitan area including Chicago Public Schools are welcome to participate in the program.

Participant Eligibility

Teachers should apply in a team of two, preferably of different subject disciplines from the same school (such as a social studies teacher and a science teacher). Chicago Public School (CPS) teachers at middle and high school level are given priority.

Teacher Benefits

Teachers who are selected will participate in the program for free, and will receive 30 Clock Hours (formerly CPDUs) or 2 Lane Credits. Each school will receive up to \$100 reimbursement for teaching supplies for the program.

Program Key Components

- Five monthly sessions guided by the University of Chicago content specialists and the Oriental Institute education staff, tentatively scheduled on:
 - Wednesday, August 31, 8:30am-3pm: Inquiry & Connections: Teaching through Primary Sources
 - Saturday, September 17, 8:30am-3pm: Science & Technology in Ancient Mesopotamia & Egypt
 - Saturday, October 8, 8:30am-3pm: Engineering & Mathematics in Ancient Mesopotamia & Egypt

- Saturday, November 12, 8:30am-3pm: Art in Ancient Mesopotamia & Egypt
- Wednesday, December 7, 4-8pm: Curriculum Presentation at Educator Mini-Conference
- School field trip to participate in *Ancient Innovators* program the Oriental Institute Museum (January-May)
- Curriculum implementation in classroom

Standard Alignment at a Glance

Common Core State Standards

- English Language Arts College and Career Readiness Anchor Standards for Speaking and Listening
- English Language Arts in History/Social Studies
- English Language Arts in Science & Technical Subjects
- Mathematical Practices

Next Generation Science Standards

- Ecosystems: Interactions, Energy, and Dynamics
- Earth's Place in the Universe
- Earth's Systems
- Earth and Human Activity
- Engineering Design

National Core Art Standards

- Creating: Conceiving and developing new artistic ideas and work
 - Anchor Standard 2: Organize and develop artistic ideas and work
- Presenting (visual arts): Interpreting and sharing artistic work.
 - Anchor Standard 4: Select, analyze, and interpret artistic work for presentation
 - Anchor Standard 5: Develop and refine artistic techniques and work for presentation.
 - Anchor Standard 6: Convey meaning through the presentation of artistic work
- Responding: Understanding and evaluating how the arts convey meaning.
 - Anchor Standard 7: Perceive and analyze artistic work
- Connecting: Relating artistic ideas and work with personal meaning and external context

About the Oriental Institute

The Oriental Institute, part of the University of Chicago, was founded in 1919 by America's first Egyptologist, James Henry Breasted. A world-renowned museum and research center focused on the study of the ancient Middle East, the Oriental Institute is one of the leading institutions in its field. The Museum preserves, interprets, and displays over 100,000 artifacts from ancient Egypt, Iran, Iraq, Israel/Palestine, Nubia, Syria, and Turkey, mainly dating from between 10,000 BC and 650 AD. The research Institute develops new research methodologies, conducts archaeological excavations, and performs text-based research of the ancient Middle East and parts of northern Africa.

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APPLICATION COVER SHEET

Applicant Information - Primary Contact

First name		Last name	
Email address (primary)			
Email address (alternative)			
Home address			
City & State		Zip code	
Grade taught		Subject taught	

Applicant Information - Partner Teacher

First name		Last name	
Email address (primary)			
Email address (alternative)			
Home address			
City & State		Zip code	
Grade taught		Subject taught	

School Information

School name			
School address			
City & State		Zip code	
School website		School telephone	

Principal Information

First name		Last name	
Email address			
Telephone			

APPLICATION REQUIRED DOCUMENTS CHECK LIST

Please submit your full application to: Carol Ng-He, School & Community Program Manager, The Oriental Institute of the University of Chicago, 1155 E. 58th St., Chicago, IL 60637, or scan and email to cnghe@uchicago.edu by April 30, 2016.

__ Completed Application Cover Sheet

Fill out the Application Cover Sheet (page 3).

__ Signed Letter of Support

Attach a letter committing support for your application signed by the leader of your school; either your head of school or principal. Please present this on your school letterhead.

__ Typed Statement of Purpose

Attach a typed statement explaining why you are interested in this program and how you envision this program working for your students (500–1,000 words on a separate page).

__ Signed Agreement of Participation and Photographic Release

We understand and accept the stated responsibilities as follows. If selected for the Teacher Cohort Academy, I agree to fulfill the following responsibilities to my best ability:

- Participate in all five sessions.
- Develop, write, implement, and share a curriculum unit.
- Schedule a field trip to the Oriental Institute for *Ancient Innovators* program in the time period required.
- Present a unit plan at the Oriental Institute’s annual Educator Mini-Conference.
- Turn in all receipts for reimbursement by required due date.
- Stay in communication with the Oriental Institute education staff for feedback and revision within the given timeline.

I hereby give permission to the Oriental Institute to use my name, school affiliation, voice and/or photographic likeness in any and all official Institute’s publications and promotional material (print, film, audio, and digital) designed for the exclusive purpose of promoting the Oriental Institute and its educator programs.

Applicant - Primary Contact

Applicant - Partner Teacher

Date

Date