Teacher Cohort Academy 2018

STEAM-focused Professional Development Program for Middle-High School 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 and medieval Near East to the next generation. For schools, ancient and medieval Near 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 and new inventions subsequently developed.

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, Near Eastern and Islamic archaeology, 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 sixteen teachers from eight schools in the Chicago Public School system are welcome to participate in the program. Preference will be given to CPS schools located in the South Side of Chicago.

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). South Side 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 Professional Development Hours. Each school will receive up to $50 reimbursement for teaching supplies for the program.

Program Key Components

- **Orientation session (6 hours in person and 1 hour online)**
  Guided by University of Chicago content specialists and education staff.
  - **Saturday, July 14, 2018, 8:30am-2:30pm**: Inquiry & Connections: Teaching through Primary Sources and Codicology workshop.

- **Online sessions presented (4 hours a week)**
  Guided by University of Chicago content specialists and education staff.
  - Saturday, July 21, 2018: Materials & Industries: Explore Science and Technology in the Ancient and Medieval World
  - Saturday, July 28, 2018: Engineering Marvels: Designing the Built Environment and Looking to the Stars

- Saturday, August 4, 2018: Art, Artisans, and Artists: From Literature to Visual Expression in Ancient and Medieval Near East
- Saturday, August 11, 2018: Interconnections in the Ancient and Medieval Near East

- **Curriculum Presentation at Educator Mini-Conference, scheduled on Saturday, August 18, 2018, 8:30am-2:30 pm (6 hours in person and 1 hour online)**

- **Curriculum implementation in classroom**

- **Free school field trip to participate in *Ancient Innovators* program the Oriental Institute Museum**

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 10,0000 BC and 650 AD. The research Institute develops new research methodologies, conducts archaeological excavations, and performs text-based research of the ancient and medieval Middle East.

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APPLICATION COVER SHEET

Applicant Information – Primary Contact

First name		Last name	
Email address (primary)			
Email address (alternative)			
Home address			
Cell Phone number		Zip code	
Grade taught		Subject taught	

Applicant Information – Partner Teacher

First name		Last name	
Email address (primary)			
Email address (alternative)			
Home address			
Cell Phone number		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 email your full application to: Tasha Vorderstrasse (tkvorder@uchicago.edu) by May 31, 2018.

__ 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 six sessions, two on-site and four online.
- Develop, write, implement, and share a curriculum unit and submit assignments online.
- Present a unit plan at the Oriental Institute's annual Educator Mini-Conference on August 18, 2018.
- Schedule a free field trip with bus transportation provided to the Oriental Institute for *Ancient Innovators* program in September 2018-January 2019.
- Turn in all receipts for reimbursement by required due date.
- Stay in communication with the Oriental Institute education staff for feedback and revision.

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