

Summer 2018! Save the Date! Register now!

This SEEM Collaborative program is sponsored in part by the Library of Congress Teaching with Primary Sources Eastern Region Program, coordinated by Waynesburg University.

Title	Audience	Date
Maps as Primary Sources to Energize Math, Science, and other STEAM Curricula	Grade 5-12	July 10th - 11th 9 AM-3PM
Increase Student Engagement within STEAM Education by Exploring the Power of Primary Sources at the Peabody Essex Museum	Grade K-12	July 24 - 25 9 AM-3PM

Description: See descriptions for the overall Teaching with Primary Sources experience and each individual workshop below.

Location: Each workshop will be held as specified at locations below.

Questions: For any questions about the offerings, please contact Josh Cristiano, Jcristiano@melroseschools.com.

Registration: Educators may use the following link to reserve limited space in each workshop:
<https://goo.gl/forms/JR45JNaKZmfpbm0G3>

PDPs: 10 PDPs are offered for each workshop. Both PDs may be taken for a total of 20 PDPs.

Bringing Science and the Arts Alive with Primary Source Materials

A continuation of our ongoing project, we are excited to present two new Teaching with Primary Sources professional development opportunities. Teachers may attend one or both. Pre-requisite for either PD is the completion of a short Level One Training from Library of Congress prior to the session.

Enhance your curriculum and instruction by engaging students in a world of primary sources. In this series of professional development offerings, we have explored both Museums and the Library of Congress' database and resources in order to build new connections and redefine the way students interact with STEAM curricula. Throughout this project, as well as the past few years, we have had tremendous success in our Teaching With Primary Sources trainings, and this summer will be no different as we continue our focus on creating leaders in teaching with primary sources.

This summer, through the explorations of in-person artifacts and Library of Congress Teaching with Primary Sources resources, educators will explore the power of primary source materials, how to build inquiry into daily teaching, and new strategies for building student engagement. In addition to exploring museum collections, teachers will incorporate principles of Understanding by Design to develop units that integrate primary sources, informational reading, and writing that aligns with the Common Core and state standards.

Two New Workshops:

Maps as Primary Sources to Energize Math, Science, and other STEAM Curricula

Location: Melrose High School Learning Commons (with maps from [the Norman B. Leventhal Map Center at the Boston Public Library](#))

Dates: July 10- July 11; 9:00 AM - 3:00 PM

Maps as primary sources have an amazing power to engage and inspire critical thinking across math, science, and other STEAM curricula. Over this two day, Teaching with Primary Sources Level 1 and 2, workshop, educators will explore, discuss, and analyze hand-picked historic and modern maps from [the Norman B. Leventhal Map Center at the Boston Public Library](#), and then build new opportunities for students to analyze data, investigate characteristics, build inquiry, and express findings. In addition to working in-person with captivating maps, we will also use the Library of Congress' archives and Teaching with Primary Sources teaching tools to build further inquiry connections and new opportunities for learning. By the end of this two day workshop, teachers will have created new standards-based lessons utilizing the power of primary sources, combining resources from both the Library of Congress and the Norman B. Leventhal Map Center.

Join us for this innovative two-day workshop, in which teachers will connect maps as primary sources materials to math, science, and other STEAM curricula.

Increase Student Engagement within STEAM Education by Exploring the Power of Primary Sources at the Peabody Essex Museum

Location: [Peabody Essex Museum](#)

Dates: July 24 - July 25; 9:00 AM - 3:00 PM

This two-day, Teaching with Primary Sources Level 1 and 2, workshop will share the Peabody Essex Museum's amazing collection of primary sources on display, highlighting how art and objects can be used to build critical thinking and inquiry skills. Teachers will be able to build analysis techniques that can be used in any subject, which will in turn help students build focus and complex connections across disciplines. Through such analysis, we will discuss effective strategies to bring STEM into the arts and vice versa. In addition to working with the museum during this two-day workshop, educators will complement their knowledge with Library of Congress and Teaching with Primary Sources materials and lesson-building tools. By the end these two days, teachers will have created new standards-based lessons utilizing the power of primary sources.

Project website and archived work: tinyurl.com/steamprimarysources