



COMMUNITY RESOURCES FOR SCIENCE
practical support for great science teaching

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Program Deadlines

March 2020

3/20/2020 **Maker Ed's Summer Institute - Deadline to apply** **Maker Ed**

Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

<https://makered.org/professional-development/2019-institute/>

The Maker Ed Summer Institute will bring together a community of practice of maker educators and advocates as we continue to build powerful maker education programs in our schools and communities. Through a combination of workshops, discussions, skill sharing, break-outs, reflection and collaborative work time, we will deepen our practice, learn from each other, and design together for equity in our programs and across the movement. During the Institute, we will examine maker education through the critical lenses of Maker Ed's values: equity, agency, community, learning, and joy.

The Maker Ed Institute requires an application to attend, and preference will be given to teams of 2-4 people attending together. Tuition is \$1500 per person, and does not include travel costs.

There are a small scholarship fund for a limited number of educators working at institutions serving low-income communities (e.g. Title I). You will be able to indicate scholarship need in the institute application.

3/23/2020 **Deadline to apply - 2020 Summer Teacher Institutes** **Library of Congress**

Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

<http://www.loc.gov/teachers/professionaldevelopment/teacherinstitute/>

Immerse yourself in the practice of teaching with primary sources from the unparalleled collections of Library of Congress this summer. Apply to attend a week-long professional development program for K-12 educators in the nation's capital. The Library will offer these Institute weeks:

June 15-19, 2020 - STI Session 1 (Open Session)

June 22-26, 2020 - STI Session 2 (Open Session)

July 6-10, 2020 - STI Session 3 (Science, Technology and Engineering Focus)

July 13-17, 2020 - STI Session 4 (Civics Focus)

Each Institute week, Library of Congress education specialists facilitate sessions modeling strategies for using primary sources to engage students, build critical thinking skills, and construct knowledge. Participants reflect on and discuss how the strategies apply to their students, subject areas, and classrooms or school libraries. During the week, participants draw from among the millions of digitized primary sources in the Library's collections to design and refine a primary source activity to use with their students. While the emphasis is on learning and applying teaching strategies, participants also have opportunities to meet experts from the Library and possibly to research in the Library's reading rooms to gather information and resources to use in developing their activities. In the school year following the Institute, educators are expected to implement a primary source based activity and share outcomes with Institute staff and their session cohort. Library staff will provide resources for participants to facilitate sharing what they have learned with colleagues in their professional networks. Finally, participants also have an option of completing additional work to pursue graduate credit in history from George Mason University.

3/27/2020 **Priority Deadline for PD for your school site in 2020-21** **California Academy of Sciences**

Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

<https://www.calacademy.org/educators/customized-science-support-for-schools-and-districts>

Cal Academy can customize a professional learning sequence based on the goals of your school or district. We can host teachers here in our world-class museum in San Francisco, or travel to nearby school sites. Open to partnerships that include:

Delivering PD experiences for half-day, one-day, or multi-day sessions

Building the capacity of teacher leaders within and across school sites

Coaching teachers one-on-one in the classroom

Coaching groups of teachers at school sites

Facilitating planning days for groups of teachers

April 2020

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

4/15/2020 **2020 Summer Teacher Institute - Deadline to apply** **Exploratorium**
Grades: 6th;7th;8th;9th;10th;11th;12th
<https://www.exploratorium.edu/education/teacher-institute/summer>
(June 16 to July 2, 2020) Join us this summer for three weeks of nonstop science exploration. Since 1984, the Exploratorium Teacher Institute has offered a summer professional development program for middle and high school science teachers. During the institute, teachers work with each other and with staff scientists and educators to learn more about science teaching. They will introduce you to the museum's exhibits, the foundation of our teaching programs, and will also lead activities and model pedagogical skills that will help relay science concepts to your students. Together, we will carry out hands-on investigations of natural phenomena and highlight how they relate to human perception, physical science, life science, earth science, and mathematics. Many of our investigations will help you bring the NGSS into your curriculum

May 2020

5/1/2020 **Applications Due - Living History Overnight Programs 2020-21 school year** **Angel Island State Park**
Grades: 4th;5th
http://www.parks.ca.gov/?page_id=25767
Applications due for following school year

5/4/2020 **Lottery Deadline for Summer Fieldtrips** **East Bay Regional Park District**
Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
<http://www.ebparks.org/activities/educators/trips>
Deadline to apply for lottery for Summer programs

5/29/2020 **Nanoscience Summer Institute for Middle School Teachers (NanoSIMST)** **Stanford University**
Grades: 6th;7th;8th
https://stanforduniversity.qualtrics.com/jfe/form/SV_d0Y3wfWF0BpLH3D
The nanofacilities at Stanford (nano@stanford) offers a four-day Summer Institute for Middle School Teachers (SIMST) June 29 - July 2, 2020.
Selected teachers will learn about the physical concepts underlying nanotechnology and nanoscience in simple terms. Teachers will also develop lesson plans and receive hands-on activities that bring nanoscience into the classroom. After fully participating in SIMST, teachers can receive up to a \$800 stipend (\$500 after completion of SIMST, \$300 after implementing a nano lesson in the classroom).
Please note there is no additional travel or lodging stipend. Applicants will be accepted on a rolling basis. Final day to submit an application is May 29, 2020.

June 2020

6/12/2020 **K-12 Science Institute for Leadership Development & Strategic Planning** **Smithsonian**
Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
<http://ssec.si.edu/leadership-development>
Workshop is July 27-31, 2020. Registration will close when the institute reaches capacity or at 11:59pm ET on Friday, June 12, whichever comes first.
Are you looking to improve your science education program but don't know where to begin? At this intensive week-long Institute, you and your team of dedicated educators, administrators, and stakeholders will gain an in-depth understanding of the LASER Model. We address the elements necessary for a quality science education program from the research behind how children learn to the mechanics of implementing an inquiry-based science curriculum. Content-driven sessions and activities delivered by a range of experienced professionals in the field are balanced with opportunities to plan strategically as a team.

August 2020

8/3/2020 **Lottery Deadline for Fall Fieldtrips** **East Bay Regional Park District**
Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
<http://www.ebparks.org/activities/educators/default.htm>
Lottery Deadline for FREE naturalist programs.