TO: Principals Grades 6-12   **DATE:** May 6, 2019

FROM: Sophia Mendoza
Director, Instructional Technology Initiative (ITI)

SUBJECT: **2019-2020 SECONDARY COMPUTER SCIENCE (CS) COHORTS**

The District is committed to providing computer science education for all students by 2025, ensuring every student has access to a computer science pathway in grades 9-12. The purpose of this communication is to inform principals of professional learning cohorts for school sites who wish to add Computer Science Discoveries (CSD), Exploring Computer Science (ECS), or Advanced Placement Computer Science Principles (APCSP) to their master calendar.

The District currently serves as a Code.org regional partner offering a 9-day professional learning cohort for CSD (grades 6-10) and APCSP (grades 9-12). The District also offers a 9-day professional learning cohort for ECS (grades 9-12). All CS professional development cohorts are designed to promote growth by providing space for educators to become comfortable with curricular materials, CS content, and pedagogy.

Secondary Computer Science Cohorts
The secondary computer science cohorts is a no-cost, 5-day workshop where:
- Participants will explore the curriculum and learning tools, discuss classroom management and teaching strategies, and build a community with other CS educators.
- Participants will develop skills while working in small groups to deepen their understanding of the materials.
- Participants will attend four follow-up workshops throughout the academic year. These meetings focus on the essential elements of the course, such as teaching new content, keeping the classroom environment equitable and engaging, and continuing to build pedagogical strategies.
- Participants will have access to the Code.org forum, an online professional learning community that offers continued support with tools and content introduces new and helpful resources for teaching the course, and lets teachers continue to explore the curriculum.

To participate, schools are required to run at least one section of the corresponding CS course in the 2019-20 school year. Registration information is as follows:
- For CSD or APCSP, navigate to https://studio.code.org/pd/application/teacher.
- For ECS, navigate to http://bit.ly/CSinLAUSD2019.

Goals

The goal of the secondary computer science cohort is to promote learner agency and challenge teachers to continuously learn and reflect upon their instructional practice while learning a new curriculum. As part of a community of schools offering computer science education, educators within these schools will:
- Support in fostering a positive and collaborative computer science community of learners.
- Provide students with ample opportunities to actively engage in a vast array of computer science concepts, skills, and practices which are necessary for the 21st century.
- Implement a rigorous and relevant computer science curriculum that is aligned to the new California state computer science standards.
- Share best practices to meet the needs of every student in our District.
- Engage students in the development of computational thinking concepts, practices, and perspectives which will support students thinking across the curriculum.

Informational Webinar

The Instructional Technology Initiative (ITI) is hosting a webinar for administrators, counselors, and educators wishing to learn more about the secondary computer science cohorts. Please register for the webinar in MyPLN using the keywords "computer science webinar." Professional development opportunities centered on computer science education are offered for all teachers through the ITI.

For more information on registration, please visit www.lausd.net/iti. For other questions, please contact me at sophia.mendoza@lausd.net.

Attachment A: Secondary Computer Science Cohort Flyer

c: Frances Gipson
   Jesus Angulo
   Derrick Chau
   Alison Towery
   Vicki Gonzales
   Esther Soliman
   Sally Buchanan

ITI
INSTRUCTIONAL TECHNOLOGY INITIATIVE

doi
Division of Instruction
Los Angeles Unified School District

CSE
LAUSD | INSTRUCTIONAL TECHNOLOGY INITIATIVE
COMPUTER SCIENCE EDUCATION

Secondary Computer Science Cohorts

Would you like to bring the Computer Science Discoveries course to your middle school next year? Would you like to offer Exploring Computer Science or Advanced Placement Computer Science Principles at your high school? The following webinar is for administrators, counselors, and educators wishing to bring computer science courses to their students. Please register for the webinar in **MyPLN** using the keywords "computer science webinar."

Informational Webinar

Option #1: April 23, 2019
3:45 p.m. - 4:15 p.m.

Option #2: April 25, 2019
3:45 p.m. - 4:15 p.m.

Code.org

CODE Code.org® Regional Partner

To apply for the Code.org 2019-2020 secondary computer science cohorts, please navigate to **https://code.org/educate/professional-learning**.

Computer Science Discoveries (CSD)
Grades 6-10

Option #1: June 17 - 21, 2019
8:00 a.m. - 3:00 p.m.
Roy Romer Middle School (LDNE)

Option #2: June 24 - 28, 2019
8:00 a.m. - 3:00 p.m.
Burroughs Middle School (LDW)

Advanced Placement Computer Science Principles (APCSP) | Grades 9-12

June 17 - 21, 2019
8:00 a.m. - 3:00 p.m.
Roy Romer Middle School (LDNE)

Exploring Computer Science (ECS)

ECS EXPLORING COMPUTER SCIENCE

If you are interested in teaching Exploring Computer Science and would like more information on the 2019-2020 Exploring Computer Science cohorts, please complete the computer science interest form by navigating to **http://bit.ly/CSinLAUSD2019**.

Computer Science Discoveries (CSD)
Grades 9-12

June 17 - 21, 2019
8:00 a.m. - 3:00 p.m.
Roy Romer Middle School (LDNE)

District training rate will be provided to all District educators enrolled in the secondary computer science cohorts.

For more information, please contact the ITI office at 213-241-5532.

Approved by: _Sm_
Sophia Mendoza, ITI Director