



San Joaquin County Office of Education  
James A. Mousalimas, County Superintendent of Schools

# Statewide NGSS Rollout Phase #3 Register Now

Join science leaders from surrounding regions for the latest series of statewide professional learning symposia exploring the next steps in the journey toward NGSS Implementation!

Located at the San Joaquin County Office of Education April 13 and 14  
Wentworth Education Center: 2707 Transworld Drive, Stockton CA 95206  
Register now: <https://www.regonline.com/NGSS2016Training>

**COST: \$250 (Credit Card ONLY) includes materials and meals**

**DATE/TIME: April 13-14, 2016. 7:30am Check In/Continental Breakfast.  
8:00AM-4:30PM both days. Lunch is provided.**

**AUDIENCE: Grades K-12 Teachers, Curriculum Leads, Administrators**

*We encourage district teams of 4-6 people, including at least 1 administrator and 3 teacher-leader representatives.*



Presented by: the California Department of Education, K12 Alliance/WestEd, California Science Project, California Science Teachers Association, Curriculum and Instruction Steering Committee, and the San Joaquin County Office of Education

# SYMPOSIUM SESSION OFFERINGS

<p style="text-align: center;"><u>CA NGSS Assessment Update</u></p> <p>The CDE will share information on the development and progress of the new CA NGSS student assessments</p>	<p style="text-align: center;"><u>Environmental Principles and Concepts</u></p> <p>Overview of how EP&amp;C are integrated into NGSS.</p>	<p style="text-align: center;"><u>Science and Common Core ELA</u></p> <p>Experience the authentic use of CCSS ELA to obtain and communicate science understanding. The integration benefits learning in both disciplines.</p>
<p style="text-align: center;"><u>Tool “P” Administrator Strand: Observing Implementation</u></p> <p>Designed to provide PD aimed at the leadership work of administrators. Includes an overview of the shifts of NGSS, training on the use of two observational protocols designed to create awareness of supports needed for the implementation of the NGSS. Opportunities to utilize these protocols are embedded into the Roll Out as well as a follow up session.</p>	<p style="text-align: center;"><u>Tool “E” Teacher Strand: Putting it Together</u></p> <p>Building on Tool A, B, C, and D, Tool E helps teachers analyze their resources for alignment to the NGSS, and inclusion in a 5 E learning sequence.</p>	<p style="text-align: center;"><u>Exploring Integration at Middle School</u></p> <p>This session is designed for those who have selected, or are strongly leaning towards, the integrated progression for middle school. It will give you an opportunity of what it means to be integrated, and how to use phenomena and use models from the draft framework to think about integration.</p>
<p style="text-align: center;"><u>Grade Level Lesson Sequence</u></p> <p>6 Options: K-2, 3-5, 6-8, 9-12 Life, 9-12 Physical</p> <p>Apply Tool E to see how a teacher planned a learning sequence and then experience it as a learner.</p>	<p style="text-align: center;"><u>Deepening Understanding of Modeling</u></p> <p>2 Options: Elementary and Secondary Strand</p> <p>Scientific modeling is an essential Science and Engineering Practice in NGSS. After experiencing an engaging science lesson, participants will learn how to use NGSS Evidence Statement to support the planning of three dimensional assessments and instruction.</p>	<p style="text-align: center;"><u>High School Models</u></p> <p>Review the policy issues related to the implementation of NGSS at the high school level. Explore and compare sample HS course sequences that might be appropriate for your district. Discuss strategies for leading school/district discussions with stakeholders about which model(s) are best for your context. <b><i>This session is an updated version of the High School Sequence session offered at Rollout II taking into account assessment decisions and examining Achieve's accelerated model.</i></b></p>
<p style="text-align: center;"><u>Engineering in Life Science</u></p> <p>Think engineering is only appropriate in the Physical Sciences? Come learn how engineering can drive engaged learning in life science and biology. Experience how an engineering and science sequence can be structured for learning.</p>	<p style="text-align: center;"><u>Admin Planning for Communication</u></p> <p>Opportunities to learn about and determine how protocols will be utilized by administrators during the Roll Out. Observation protocols were designed by two initiatives charged with developing and disseminating processes to help California implement NGSS into the state school system.</p>	<p style="text-align: center;"><u>Cross Cutting Concepts: Deepening Our Understanding</u></p> <p>Experience the impact on thinking as different cross cutting concepts are used as a lens for understanding.</p>