



Statewide Rollout Phase 2



- Date:** Thursday, October 15 & Friday, October 16, 2015
(2-day Symposium)
- Time:** 7:30 am—4:30 pm (both days)
- Audience:** Grades K-12 Teachers
Curriculum Leaders
Administrators
(We encourage district teams of 4-6 people: an Administrator and three teacher-leader representatives.)
- Venue:** Fresno Pacific University
1717 S. Chestnut Ave.
Fresno, CA 93702
- Cost:** \$250.00 per person
(Fee includes symposium materials, continental breakfast and lunch)

SEE NEXT PAGE FOR SYMPOSIUM OFFERINGS

REGISTER HERE: <http://www.regonline.com/NGSS2015Training>

REGISTRATION DEADLINE: OCTOBER 1, 2015

For more information, please contact:
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SYMPOSIUM SESSION OFFERINGS

Sessions for The Entire Team

<p><u>NGSS 103: Deepen Your Understanding of the NGSS:</u></p> <p>Engage with the Conceptual Shifts to refine your understanding of the NGSS vision for science education for all students. Learn about the importance of developing a professional learning plan to prepare teachers for the NGSS. Discuss the types of administrative and system supports necessary to implement these learning plans.</p>	<p><u>The Tool: Designing for Learning</u></p> <p>Building on Roll Out #1, incorporate a new tool to design a learning sequence that addresses the 3D aspect of the NGSS. Learn how to order concepts from a conceptual flow and Phenomenon-Question-Practice (PQP) chart into an instructional sequence that resonates with the 5Es (engage, explore, explain, elaborate, evaluate) instructional model.</p>
<p><u>Teaching Through the Practices:</u></p> <p>Experience the coherent integration of the NGSS Scientific and Engineering Practices from the observation of a phenomenon to construction an explanation for those observations. This session focuses on three practices: 1) developing and revising models, 2) engaging in argument from evidence, and 3) constructing explanations, and it provides instructional strategies for each practice. Attend either a session targeted for elementary (K-5) or secondary (6-12).</p>	<p><u>But What Does It Look Like?</u></p> <p>Apply the tool to a learning sequence for grades K-2, 3-5, 6-8 or 9-12 and experience what the learning looks like in a classroom over a multi-day lesson. Discuss with grade level colleagues how this applies to your classroom and your instruction.</p>

Sessions of Choice

<p><u>Administrator Strand:</u></p> <p>Learn how to support the implementation of NGSS at your school site and in your district through exploring various implementation resources and collaborating with other administrative leaders. This session emphasizes strategies to move from awareness to transition.</p>	<p><u>The 3rd Dimension—Crosscutting Concepts:</u></p> <p>Learn how the seven crosscutting concepts of the Next Generation Science Standards deepen understanding of the Practices and Core Ideas and lead to productive inquiry. This hands-on workshop will explore ways to help students use the crosscutting concepts to think like scientists and engineers.</p>
<p><u>High School Session:</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.</p>	<p><u>Engineering in a Three Dimensional Lesson:</u></p> <p>Experience the NGSS Engineering Design Core Ideas of defining a problem, designing a solution, and optimizing that design solution. Learn how content specific performance expectations are linked to engineering and how engineering helps students to learn at the nexus of the Science and Engineering Practices, Disciplinary Core Ideas and the Cross Cutting Concepts.</p>

Schedule of Rollouts

<p><u>San Joaquin County Office</u></p>	<p><u>April 27-28, 2015</u></p>
<p><u>Orange County and Los Angeles County</u></p>	<p><u>May 11-12, 2015</u></p>
<p><u>Riverside County and San Bernardino County</u></p>	<p><u>May 26-27, 2015</u></p>
<p><u>Alameda County</u></p>	<p><u>September 15-16, 2015</u></p>
<p><u>Fresno County</u></p>	<p><u>October 15-16, 2015</u></p>
<p><u>San Diego County</u></p>	<p><u>October 22-23, 2015</u></p>
<p><u>Siskiyou County</u></p>	<p><u>November 2-3, 2015</u></p>
<p><u>Santa Clara County</u></p>	<p><u>November 9-10, 2015</u></p>
<p><u>Ventura County and San Luis Obispo County</u></p>	<p><u>December 8-9, 2015</u></p>

