

## NGSS State Rollout Symposium #1

San Diego County Office of Education In partnership with, K-12 Alliance/WestEd, California Science Project, California Science Teachers Association, Curriculum and Instruction Steering Committee, and the California Department of Education.



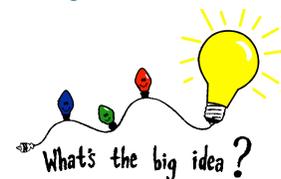
## State Rollout Symposium #1

Join science leaders at the first of a series of statewide professional learning symposia exploring the philosophy, design, and initial implementation of the Next Generation Science Standards (NGSS). Select from the sessions described on the reverse side of this flyer.

**CISC**  
Curriculum and Instruction  
Steering Committee

## April 17 - 18, 2015

Sign-in/continental breakfast 7:30-8:00  
Sessions: 8:00 am – 5:00 pm



## Audience

Grades K-12 Teachers & Administrators  
District teams of 4-6 people, including at least 1 administrator and 3 teacher-leader representatives are encouraged.

## Cost

\$200.00 per person (Credit Cards or District Checks Only) (Fee includes symposium materials, continental breakfast, and lunch)

## Location

University of California, San Diego  
Price Center Plaza  
9500 Gilman Dr., La Jolla, CA 92093

## Registration

<http://www.iplanevents.com/ngssrollout>

For more information, please contact the office of Science and STEM at the San Joaquin County Office of Education at 209-468-4880. There will be no refunds for participant cancellation.

Facilities Hosted by:  
**UC San Diego**  
**CRaTe**  
A Commitment to Educational  
Equity & Excellence

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## NGSS 101

Become aware of the National Research Council's *A Framework for K-12 Science Education* and the development, intent, and design of the *Next Generation Science Standards (NGSS)* adopted by California. Learn how to read the architecture of the NGSS and example key components.

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## NGSS 102

Delve deeper into the intent and design of NGSS and some of its supporting appendices, analyze key instructional shifts, and reflect on how to adapt available resources to assist in planning for instructional changes.

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## Performance Expectations

Understand the shift in the NGSS from content knowledge to a focus on performance expectations. Analyze a learning progression for success during classroom formative assessments or district benchmark assessments of the PE.

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## NGSS Implementation Tool

Learn how to use a tool for developing a unit of instruction that creates a conceptual flow for building student understanding and identifies Performance Expectations, Disciplinary Core Ideas, Science and Engineering Practices and Cross-Cutting Concepts that support that understanding.

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## Connecting NGSS and CCSS

Learn how to use the Science Literacy Professional Learning Module as a resource to help K-12 teachers better understand how literacy (speaking, listening, writing and reading) deepen student understanding of science.

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## Middle School Progressions

Explore the State Board of Education's preferred integrated standards for middle school and the alternative discipline-specific model. Discuss possible implementation strategies for the integrated model.

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## Model Lesson Exploration

Experience a sample lesson that demonstrates the NGSS "shift" with examples at primary, upper elementary, and secondary (middle school and high school).

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## Administrator Strand

Learn how to support the implementation of NGSS at your school site and in the district.

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## Action Plan

Share learning's from the conference with your district team and plan next steps for district leaders, teachers and other stakeholders.