

# WHAT SHOULD THE NEXT GENERATION OF SCIENCE TEACHING AND LEARNING LOOK LIKE IN THE CLASSROOM I'M OBSERVING?

PRESENTED BY THE SRI&ETTC AT STOCKTON UNIVERSITY



Are you responsible for conducting observations in classrooms where science is all or part of the curriculum? If so, this interactive workshop is for you! The Next Generation Science classroom is not like the one in which you learned about plants, animals, space, motion, atoms, and weather. It's the one where students make claims, support claims with evidence, construct science explanations and engage in scientific argumentation. It's the one where students develop and use models to explain scientific phenomena. It's the one where students engage in the iterative process of engineering design. It's the one where conducting an observation requires a paradigm shift. District and school administrators attending this workshop will:

- gain an awareness of the architecture, format and learning progressions of the Standards
- actualize a strategy to deliberately teach students to ask the questions that drive their learning
- realize what the NGSS science and engineering process look like in action
- identify the instructional and conceptual shifts in science and engineering education
- recognize the "must-sees" in an NGSS classroom
- discuss the impact on your observational practice

**Audience:** Principals, Assistant Principals, Curriculum Directors, Supervisors, Superintendents, Assistant Superintendents

The workshop will be presented by **Barbara Mammen, Educational Consultant, and former science teacher, district Supervisor of Science and Technology, and STEM Project Manager at Stevens Institute of Technology and Rider University.**

For more information or to register, visit [www.ettc.net](http://www.ettc.net).

**Date:** November 16, 2018

**Time:** 9 a.m. to 3 p.m.

**Cost:** \$178 or 7 ETTC Hours

**Course cost includes:**

- Course Materials
- Certificate of Completion
- 5 Professional Development Hours

**Location:** SRI&ETTC

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Galloway, NJ 08205

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[www.ettc.net](http://www.ettc.net)



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