**Ready to take your work with NGSS to the next level?**

**Program Information:**

* $850 cost per participant
* Optional graduate/CEU credit

**Audience:** Science teachers and leaders, science coordinators, and higher education faculty, pre-service teachers

**Dates/Locations:**

***Providence***

TIMES2 Institute

333 Smith St., Providence, RI

Dates: Oct. 17, 18, 19 and Nov. 1,2

Time: 8:30-4

***Westerly***

Address TBD

Dates: Nov. 7,14,21,28 and Dec. 5

Time: 8:30-4

***Newport***

Address TBD

Dates: Nov. 9,17,18 and Dec. 1,2

Time: 9-3:30

***Next-Gen Science Exemplar System (NGSX)***

**REGISTRATION OPEN**

In NGSX Pathway 1 participants will:

* Receive professional development and support in a learning community that focuses on three- dimensional teaching and learning
* Learn how to apply the pedagogical shifts required to teach *Next Generation Science Standards*
* Be immersed as learners and teachers in three- dimensional learning
* Participate in: first-hand science investigations, videotaped expert commentary, classroom case studies, facilitated individual, small group and whole group discussions
* Engage in modeling and constructing explanations of complex phenomena, hallmarks of Next Generation Science.
* Learn to use questioning strategies, or “Talk Moves”, to create a culture in which students explain their thinking, listen to and build on the ideas of others and function as critical thinkers

“Participating in NGSX immersed me in three dimensional lessons as an adult learner and helped me to develop new methods that will engage and challenge my students.  The focus of NGSX on modeling and facilitating productive discussion with students will benefit educators of all grade levels and backgrounds. It was fantastic!

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* *RI Facilitator and NSTA District 1 Director*

**What is the NGSX Professional Development System (NGSX)?:**

The NGSX is a blended model of professional learning. Participants meet in a study group and draw upon a high functioning web platform designed to support K-12 science educators in applying the pedagogical shifts (moving from “learning about” to “figuring out”) described in the Framework for K-12 Science Education and the Next Generation Science Standards to their own teaching. NGSX brings the expertise of NRC Framework developers, experts in teacher learning, and expert professional development facilitators to science educators in New England.

"NGSX changed the way I look at three-dimensional learning. I was always concerned with how we were communicating grade-level content, I never stopped to think if we were building knowledge so that students can expand their understanding for themselves."

*- Coordinator of Teaching and Learning, Warwick, RI*