



Next-Gen Science Exemplar System

(NGSX) PLANS

For Instructional Leaders

JOIN US FOR A UNIQUE PROFESSIONAL LEARNING EXPERIENCE

TIMES2 Institute -- has been collaborating with the highly regarded Next Generation Science Exemplar (NGSX) System project team to implement a professional development series for teachers and teacher leaders throughout Rhode Island. This NGSX program is helping RI scale up school district capacity to support NGSS-centered science instruction that challenges students to develop transferrable skills through arguing with evidence to develop and use explanatory models of how our world works.

Now, the NGSX team is launching a 1.5-day institute for instructional leaders called Principals Learning About Networking and Supporting 3-Dimensional Science Learning (PLANS). The PLANS pathway will support instructional leaders in learning about NGSS aligned instruction and developing constructive strategies for supporting teachers as they implement NGSS. We highly recommend that district teams of two or three* attend together, for example, principals, curriculum leaders and department chairs.

After graduate school, I have only been to a handful of professional development courses that really changed my teaching. NGSX was one.
-Teacher and NGSX Facilitator

WHAT ARE THE GOALS OF PLANS?

- Build an awareness of 3D science teaching and learning (as described in the K-12 Framework for Science Education and NGSS), your role as an instructional leader, and what that entails for the classroom, K-12
- Develop a shared language around the elements of NGSS and the Framework to work collaboratively with teachers of science;
- Understand the necessary journey of professional learning required for teachers to enact the new vision of science in their classroom;
- Understand the journey required for instructional leaders to enact the new vision of science in their school/district
- Identify strategies to build a community of NGSS-ready instructional leaders who can support excellent science teaching in their building/district.

PROGRAM INFORMATION:

- \$300 cost per participant
- optional graduate/CEU credit

AUDIENCE:

Curriculum Coordinators,
Principals, Coaches and
Teacher Leaders

RI LOCATIONS/DATES/TIMES:

TIMES2 Institute

333 Smith Street
Providence, RI

October 4 - 5

8:00 - 3:30 pm, 8:00 - 12:00 pm

Middletown Public Schools

26 Oliphant Lane

Middletown, RI

January 14 - 15

8:00 - 3:30 pm, 8:00 - 12:00 pm

TIMES2 Institute

333 Smith Street
Providence, RI

April 23 - 24

8:00 - 3:30 pm, 8:00 - 12:00 pm

CT LOCATIONS/DATES/TIMES:

Marine Science Magnet High School

130 Shennecossett Road
Groton, CT

November 8-9

8:00 am - 3:30 pm, 8:00-12:00pm

For further information please
contact: Jodi Gonzalez
jgonzalez@times2.org
Cell: 401-602-4918

To register:

www.times2institute.org or email
for district registration form



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WHAT WILL I BE DOING?

This seminar is designed as an interactive, face-to-face experience of 3-dimensional science. As adult learners you will build your knowledge of the core practices – modeling, argument, and explanation.

Participants will:

- Experience doing science in an NGSS-aligned way using video cases of science classrooms, hands-on engagement in sense-making activities, and exploring academically productive talk.
- Watch teachers engaging in collaborative knowledge building with their students, as they participate in core scientific practices.

I hope all educators with our district have the opportunity to participate in this. It will forever impact their teaching across all content areas and the culture of their classrooms to best meet the needs of students.

-NGSX Study Group Participant

WHAT WILL I GET FROM THIS SEMINAR?

- Tools and strategies to support teachers who are committed to shifting their teaching practice to align with the Framework and NGSS.
- Strategies to participate with teachers -- as they are moving through the various phases of changing their teaching practice.

WHO WILL THE PARTICIPANTS BE?

- Your fellow participants will be building principals (K-12), building and district-based instructional coaches, and curriculum coordinators.

