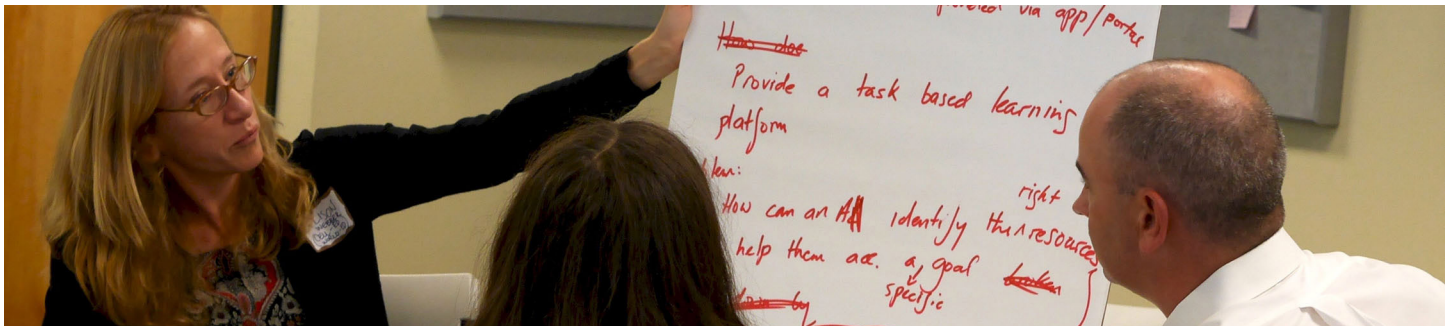


# Implementing Next Generation Science

A professional learning cohort for K-12 science teachers



## Program Overview

This program is for science teachers in schools or districts adopting Next Generation Science Standards (NGSS) or other standards based on the K-12 Framework for Next Generation Science that have been adopted by over 40 states. This program consists of two interactive workshops to engage teachers with the learning innovations of Next Generation Science practices followed by an online professional learning cohort experience where teachers will collaborate to design or adapt a lesson for their students to align to NGSS.

Contact us at [learning@digitalpromise.org](mailto:learning@digitalpromise.org) to learn more.

## Earn Micro-credentials

This program supports educators to demonstrate their learning and receive recognition through earning the [NGSS and the CCSSM in Action micro-credential](#).



## Workshop 1: Understanding Next Generation Science

This workshop will give attendees background on the development of the Next Generation Science Standards, exploring the implications of key NGSS curricular innovations like anchoring phenomena and three-dimensional instruction. Participants will learn to read and unpack the standards, familiarize themselves with tools used to evaluate lessons and units, and begin to plan for instructional shifts for NGSS alignment.

## Workshop 2: Phenomena Driven Learning

NGSS calls for educators to anchor science learning in phenomena to create powerful and relevant learning experiences for their students. Participants will leave the session prepared to use anchoring phenomena to spark and drive a science unit. They will also learn and experience best practices to support three-dimensional learning where students use science and engineering practices and cross-cutting concepts to explore and explain natural phenomena.

## Coaching and PLC: Lesson Study

After participating in Understanding Next Generation Science and Phenomena Driven Learning, cohort members will engage in a virtual lesson study experience, with guidance from an experienced NGSS curriculum designer. Participants will work collaboratively to develop or adapt a lesson that exemplifies the NGSS learning innovations. We encourage schools to grant teachers release time to observe and provide feedback on these lessons as they are implemented at the end of the experience. Optionally, the program can include a final in-person meeting where the entire cohort and coach can observe one or two lessons on-site followed by feedback and discussion.

For more information on the Next Generation Science Standards visit: <https://www.nextgenscience.org>