

Professional Learning Workshop

New York City Department of Education

Title: 6-8 Engaging Learners in 3-D Learning

Session Description: In this half-day session, participants explore strategies to support English learners' ability to do, talk, read, write, visualize, and argue like scientists. By analyzing instructional sequences through an English learner lens, participants will deepen their knowledge of the critical role that language and literacy play in developing scientific understanding. Participants become familiar with the research-based principles that guided the creation of the supports and strategies in Amplify Science that aid students' development of disciplinary literacy in science.

Recommended Audience: Returning teachers who have attended an orientation training

Session Outcomes:

Participants will be able to:

- Articulate the critical role that language & literacy play in developing scientific understanding
- Identify strategies that support students' disciplinary literacy & language development
- Recognize the embedded instructional design & identify additional supports for English learners in an Amplify Science instructional sequence

Agenda:

- Framing the day
 - Welcome and introductions
 - Anticipatory activity
- The role of language & literacy
 - Language, science, or both activity
 - Science & Engineering practices
- Research-based principles
 - Expert groups
- Instructional sequence
- Analyzing an instructional sequence
 - Embedded instructional design & additional supports
- Differentiation for an upcoming lesson
- Individual planning with @Home resources
 - Multimodal approach @Home
- Closing
 - Reflection & additional resources
 - Survey

