

Professional Learning Workshop

New York City Department of Education

Title: Applying Reading and Writing Strategies in Amplify Science
(Grade-Specific, 6-8)

Session Description: In this 2-hour session, participants will identify embedded strategies for explicit literacy support. Participants will focus on the shifts in emphasizing Science and Engineering Practices which require students to read and write like a scientist. Participants will understand how these strategies help students make and evaluate claims, gather evidence and justify arguments with relevant reasoning. Participants will engage in and reflect on how a science seminar structures opportunities for verbal and written argumentation.

Recommended Audience: Middle School Teachers

Session Outcomes:

Participants will be able to:

- Focus on the shifts in emphasizing the Science and Engineering practices which require students to read and write like scientists.
- Identify embedded strategies for explicit literacy support.
- Understand how these strategies help students make and evaluate claims, gather evidence, and justify arguments with relevant reasoning.
- Engage in reflection on how a science seminar structures opportunities for verbal and written argumentation.

Agenda

- **Framing the day (5 min)**
 - Welcome and introductions
 - Anticipatory Activity
- **Shifts in Science Instruction (15 min)**
 - Revisiting the Amplify Science approach
 - Revisiting Resources
 - Science and Engineering practices
- **Science and Literacy (50 min)**
 - Embedded Literacy Supports
 - Embedded Literacy Strategies
 - Additional 20 min allocated for work time
- **Applying the strategies throughout Science Seminar (40 min)**
 - Evaluating Claims, gathering evidence, and justifying arguments with reasoning
- **Reflection and closing (5 min)**
 - Reflection and survey

