

# Professional Learning Workshop

New York City Department of Education

**Title:** Supporting ELLs in the Amplify Science Classroom  
(Grade-Specific, K-5)

**Session Description:** In this session, teachers will deepen their understanding of how to utilize the Amplify Science formative and summative assessment system. Teachers will explore 3-dimensional formative and summative assessment tools and discuss how to use assessment results to inform and tailor instruction to meet the needs of their specific students. Additionally, they will connect formative assessment with strategies that support ALL students as they build complex scientific explanations over the course of each unit of study through the practice of the Do, Talk, Read, Write and Visualize approach.

**Recommended Audience:** All Teachers

## Session Outcomes

Participants will be able to:

- Explore strategies to support English learner's ability to Do, Talk, Read, Write, Visualize and argue like scientists.
- Analyze an instructional sequence through the lens of an English learner to deepen your knowledge of the critical role of language and literacy in developing scientific understanding.
- Become familiar with the research based principles which guide the creation of the supports and strategies in Amplify Science that aid students development of disciplinary literacy in science.

## Agenda

- **Framing the day (5 min)**
  - Welcome and introductions
- **Amplify Science Approach (15 min)**
  - Multimodal Instruction
  - Exploring strategies Do, Talk, Read, Write, and Visualize
- **Amplify Science Embedded Supports (20 min)**
  - The role of language and literacy
  - Differentiation
  - Lesson instructional sequence
- **Amplify Science Discourse Routines (15 min)**
  - Research based principles for creating supports
  - Strategies that support language and literacy development in science
- **Reflection and closing (5 min)**
  - Reflection and survey