

Professional Learning Workshop

New York City Department of Education

Title: Academic Discourse & Questioning Strategies in the Amplify Science Classroom (Grade-Specific, K-5)

Session Description: In this session, teachers will learn about strategies to establish academic discourse in the classroom and develop questioning techniques that support students as they critically assess evidence and form a deeper conceptual understanding of scientific ideas and practices. Teachers will understand ways to utilize the Amplify Science resources and routines to engage students in authentic academic discourse. This includes leveraging opportunities to explain phenomena through multiple modalities, in order to help all students make their thinking visible.

Recommended Audience: Teachers who have attended an orientation training

Session Outcomes

Participants will be able to:

- Elaborate on the central role academic discourse & questioning strategies play in 3-dimensional, multimodal learning.
- Adapt Amplify Science discourse routines, questioning strategies, and the classroom wall to meet the needs of all students in a remote/hybrid instructional context.

Agenda

- **Framing the day**
 - Welcome and introductions
 - Anticipatory activity
- **Amplify Science Approach review**
 - Multimodal, phenomenon-based learning
 - 3-dimensional learning
- **Amplify Science Discourse Routines**
 - @Home Units analysis
- **Questioning Strategies**
 - Remote/hybrid adaptations
- **Classroom Wall**
 - Unit, chapter, & investigation questions
 - Remote classroom wall
- **Closing**
 - Reflection & additional resources
 - Survey

