

PROFESSIONAL DEVELOPMENT

SESSION OBJECTIVES

Participants will:

- learn the importance of allowing students to ask questions and drive learning,
- discover the role of hands-on investigations in building scientific understanding,
- gain confidence implementing a rigorous curriculum that prizes productive struggle,
- investigate how the curriculum helps students build knowledge,
- explore how the curriculum teaches and assesses skills,
- develop skill in accessing and using the program’s resources.

TIME	AGENDA	DESCRIPTION
10 minutes	Launch	<ul style="list-style-type: none"> • Building credibility and empathy during introductions fosters a sense of community. • Engaging in the First Minute Mix and Mingle sets a purpose for building knowledge throughout the session. • Setting a clear purpose and norms focuses learning and leads to a successful session.
160 minutes	Learn I Instructional Shifts, Student Lens, Anchor Visuals	<ul style="list-style-type: none"> • Exploring instructional shifts builds participant knowledge and progresses towards classroom integration. • Experiencing curriculum components demonstrates instructional shifts and supporting pedagogy. • Debriefing the student hat identifies key skills and strategies that promote a student-driven process of building scientific knowledge.
110 minutes	Learn II Module Foundations	<ul style="list-style-type: none"> • Examining grade-level content allows participants to gain comfortability and build module-specific knowledge. • Understanding the structure of the curriculum builds a foundation for effective teaching. • Exploring curriculum assessments builds content knowledge and supports planning.
60 minutes	Lunch Break	
70 minutes	Learn III Explore Resources and Planning Time	<ul style="list-style-type: none"> • Studying curriculum resources allows participants to efficiently plan for instruction. • Engaging in planning time allows common implementation barriers to be overcome.
10 minutes	Land	<ul style="list-style-type: none"> • Reviewing key learning helps solidify participants’ understanding. • Giving participants time for reflection and feedback engages them as trusted colleagues with valuable insights to share.