



VIRTUAL FOCUS ON INSTRUCTIONAL TECHNIQUES I LEVELS K–5

SESSION OBJECTIVES

Participants will

- study the importance of using phenomena and to guide instruction and build knowledge,
- deepen understanding of three-dimensional teaching and learning to guide instruction,
- examine how the curriculum and its resources build teachers' content knowledge and help with implementation, and
- engage in a planning process to more thoroughly prepare for instruction.

TIME	AGENDA	DESCRIPTION
PART A		
10 minutes	Launch	Set a purpose for building knowledge to focus learning throughout the session.
55 minutes	Learn I The Power of Phenomena	<ul style="list-style-type: none"> • Study the rich context of and the power behind phenomenon-driven curriculum. • Dissect the impact of phenomena in promoting scientific discourse.
55 minutes	Learn II Three-Dimensional Teaching and Learning	<ul style="list-style-type: none"> • Examine how three-dimensional components build knowledge in the curriculum. • Deepen understanding of the three dimensions to support instructional decisions.
60 minutes	Offline Interim Work	<ul style="list-style-type: none"> • Complete a graphic about the module's phenomena structure to gain familiarity with the types of phenomena in the curriculum and how they build on one another. • Explore additional phenomena to determine how phenomenon-driven instruction integrates three-dimensional teaching and learning.
60 minutes	Offline Lunch Break	

TIME	AGENDA	DESCRIPTION
PART B		
55 minutes	Learn III <i>PhD Science</i> ®: What's Inside?	<ul style="list-style-type: none"> Analyze how key components of the Teacher Edition and accompanying resources strengthen implementation of the curriculum. Examine the curriculum and its resources on a deeper level to reinforce planning opportunities.
55 minutes	Learn IV Planning and Preparation	<ul style="list-style-type: none"> Apply Teacher Edition components and resources to effectively and efficiently refine lesson planning. Engage in a lesson-set-level study process to enhance planning and preparation.
10 minutes	Land	Solidify key learning and understanding of the session content.