



VIRTUAL LAUNCH *PhD SCIENCE*® LEVELS K–5

SESSION OBJECTIVES

Participants will

- discuss 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, and
- develop skill in accessing and using the program’s resources.

TIME	AGENDA	DESCRIPTION
2 hours	Launch Module Foundations	Explore the anchor phenomenon, anchor model, and driving question board alongside other foundational components of the curriculum.
1 hour	Learn, Part I Instructional Shifts	Examine the curriculum’s structure: <ul style="list-style-type: none"> • Analyze differences in the organizational tools and instructional shifts between the K–2 and 3–5 grade bands for three-dimensional instruction • Preview a lesson set to discover how the Teacher Edition supports instruction shifts
45 minutes	Offline Lunch	
1 hour 30 minutes	Learn, Part II Module Exploration	Explore how the following learning design elements strengthen students’ scientific understanding: <ul style="list-style-type: none"> • Hands-on investigations and study of scientific phenomena in the lesson set help explain the anchor phenomenon and support knowledge building. • Authentic core texts and fine art reinforce new knowledge. • Teachers become facilitators in a student-driven classroom.
1 hour 45 minutes	Land Curriculum Foundation and Resources	Expand on the following key pillars of <i>PhD Science</i> , curricular components, and additional learning design elements: <ul style="list-style-type: none"> • Anchor visuals evolve throughout a module to document layers of learning and their crucial role in three-dimensional instruction. • Engineering and Science Challenges encourage application of knowledge in alternative contexts. • Three-dimensional assessments gauge depth of student understanding and knowledge. • Embedded and supplemental curriculum resources support teachers.