Launch *PhD Science® Texas*

PROFESSIONAL DEVELOPMENT

OVERVIEW

This session, the first in the *PhD Science Texas* Professional Development sequence, introduces participants to the shifts in science instruction. Participants experience these shifts through a *PhD Science Texas* student-hat experience. This session introduces participants to the learning design, structure, and key components of the curriculum. By exploring *PhD Science Texas* resources that support implementation, educators gain the confidence to implement a rigorous, student-driven curriculum.

SESSION OBJECTIVES

Participants will

- explore instructional shifts that facilitate TEKS-aligned learning,
- experience the curriculum from a student's perspective to understand how the shifts are integrated into *PhD Science Texas*,
- explain how the structure and key components of the curriculum reflect the shifts in science instruction, and
- explore how the curriculum resources can support implementation.

TIME	AGENDA	DESCRIPTION
15 minutes	**Launch**	▪ Review the session objectives, materials, and other housekeeping items.
95 minutes	**Learn I**	▪ Explore how students engage with the three strands of the TEKS and the instructional shifts to build a vision of science instruction. ▪ Engage in a student-hat experience to connect the instructional shifts with *PhD Science Texas* curriculum components.
65 minutes	**Learn II**	▪ Experience *PhD Science Texas* in action to continue to build participants' vision of science instruction. ▪ Explore key components and structure of the curriculum to help participants successfully implement the curriculum
85 minutes	**Learn II continued**	▪ Examine grade-level content to build module-specific knowledge and identify how the shifts are integrated throughout the curriculum. ▪ Explore key components including curriculum assessments to help participants successfully implement the curriculum.
65 minutes	**Learn III**	▪ Understand key components of the curriculum and how they support implementation. ▪ Explore how *PhD Science Texas* resources support planning for instruction. ▪ Engage in planning time to utilize resources and prepare for instruction.
15 minutes	**Land**	▪ Ask any remaining questions. ▪ Reflect on and summarize learning.

There will be two 10-minute breaks and a 1-hour lunch break during the session.