

**PROFESSIONAL DEVELOPMENT**

**SESSION OBJECTIVES**

Participants will:

- Examine the power of using compelling phenomena through three-dimensional teaching and learning to drive discourse and guide instruction.
- Build a deeper understanding of curricular components and resources.
- Engage in a planning process to more thoroughly prepare for instruction.

TIME	AGENDA	DESCRIPTION
10 minutes	<b>Launch</b>	<ul style="list-style-type: none"> <li>• Set a purpose for building knowledge throughout the session to focus learning.</li> </ul>
55 minutes	<b>Learn I</b> The Power of Phenomena	<ul style="list-style-type: none"> <li>• Study the rich context of and the power behind phenomenon-driven curriculum.</li> <li>• Dissect the impact of phenomena in promoting scientific discourse.</li> </ul>
55 minutes	<b>Learn II</b> Three-Dimensional Teaching and Learning	<ul style="list-style-type: none"> <li>• Examine how three-dimensional components build knowledge in the curriculum.</li> <li>• Deepen understanding of the three dimensions to support instructional decisions.</li> </ul>
60 minutes	<b>Offline Interim Work</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Explore additional phenomena to determine how phenomenon-driven instruction integrates three-dimensional teaching and learning.</li> </ul>
60 minutes	<b>Offline Lunch Break</b>	
55 minutes	<b>Learn III</b> <i>PhD Science®</i> : What’s Inside?	<ul style="list-style-type: none"> <li>• Understand how key components of the teacher edition and accompanying resources strengthen implementation of the curriculum.</li> <li>• Examine the curriculum and its resources on a deeper level to reinforce planning opportunities.</li> </ul>
55 minutes	<b>Learn IV</b> Planning and Preparation	<ul style="list-style-type: none"> <li>• Apply Teacher Edition components and resources to effectively and efficiently refine lesson planning.</li> <li>• Engage in a lesson-set level study process to enhance planning and preparation.</li> </ul>
10 minutes	<b>Land</b>	<ul style="list-style-type: none"> <li>• Solidify key learning and understanding of the session content.</li> </ul>