

COACHING

Overview:

Guided by a *PhD Science*® coach, educators in a small group coteach to analyze and customize a selected lesson. Participants either coteach the lesson or observe the cotaught lesson. The whole group debriefs the lesson through objective analysis of how the instruction affected student learning. Together, the group decides on adjustments to the lesson that will likely improve student outcomes and will support teachers to carry best practices into future instruction.

Session Goals:

- Improve teaching practice by enabling teachers to collaboratively plan and deliver a lesson.
- Explore a professional learning process that school communities can own and use repeatedly to nurture steady improvement in classroom practices.
- Engage in collaborative study, analysis, preparation, and debriefing of lessons.
- Implement a process for investigating best practices for science instruction.



BEFORE SITE VISIT		
PLAN	3 hours	<p>Asynchronous Co-planning Audience: Teachers Participants will:</p> <ul style="list-style-type: none"> • plan a lesson together, • document their thinking, • identify strengths and roadblocks within the lesson, and • develop questions for the <i>PhD Science</i> coach.
	3 hours	<p>Synchronous Co-planning Conference (Virtual) Audience: Teachers, instructional coaches Participants will:</p> <ul style="list-style-type: none"> • review the lesson objectives and components; • discuss the lesson, the pedagogy, and desired outcomes for students; • anticipate student struggles and discuss a plan to address them; • customize components of the lesson according to students' needs; and • discuss teacher outcomes.

DURING SITE VISIT		
	Morning Session (3 hours total)	Afternoon Session (3 hours total)
DO*	1 hour Pre-teaching Conference Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> share the planning process and lesson customizations, share what teaching practice they want feedback on, review the Teaching and Learning Tool, and review how to make anecdotal, evidence-based observations. 	1 hour Pre-teaching Conference Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> share the planning process and lesson customizations, share what teaching practice they want feedback on, review the Teaching and Learning Tool, and review how to make anecdotal, evidence-based observations.
	1 hour Collaborative Teaching and Observing Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> collaboratively teach the lesson and practice using the Teaching and Learning Tool to take evidence-based notes. 	1 hour Collaborative Teaching and Observing Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> collaboratively teach the lesson and practice using the Teaching and Learning Tool to take evidence-based notes.
STUDY*	1 hour Post-teaching Conference Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> share reflections from the co-teacher's perspective, discuss implications for the next lesson or activity, and share reflections based on data from the observer's perspective. 	1 hour Post-teaching Conference Audience: Teachers, instructional coaches, and administrators Participants will: <ul style="list-style-type: none"> share the reflections from the co-teacher's perspective, discuss implications for the next lesson or activity, and share reflections based on data from the observer's perspective.

AFTER SITE VISIT		
ACT	30 minutes	<p>Virtual Debrief with Instructional Leaders</p> <p>Audience: Instructional coaches, administrators</p> <p>Participants will:</p> <ul style="list-style-type: none">• reflect on teacher practices and• discuss next steps for implementation.

*The **Do** and **Study** processes are repeated during a morning and an afternoon session.