Begin With the End in Mind

Formative Assessment and Evaluation in Professional Development

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We respectfully acknowledge the Indigenous peoples who are the traditional caretakers of the land. For where Robin is they are the Snohomish, Snoqualmie, and Suquamish and other Coast Salish peoples, and for where Amy and Mia are, the Wurundjeri people of the Kulin nation. Also, we acknowledge the Indigenous people who are the keepers of the land wherever you happen to be. We would like to pay our respect to the elders, past, present, and emerging.
**Before the PD**
PD Faculty prepare workshops

**During the PD**
PD Faculty deliver workshops to participating teachers

**After the PD**
Teachers deliver to students
Before the PD:
- Create PD application form which includes pre-assessment and contractual agreements.
- Clarify and confirm the learning objectives for deep and surface learning.
- Design formative assessments to be used pre- and in PD, and the participants’ home classrooms.

During the PD:
- Use PD instruction to model the formative approach to teaching and assessment.
- Discuss the effectiveness of pedagogy and assessments and potential adaptations for the participants’ home classrooms.
- Assess outcomes on learning objectives.

After the PD:
- Model data sharing for classroom follow up.
- Create a Community of Practice to support participants in implementing the PD and assessments, and reporting findings back.
- Gather, measure and report student-level learning outcomes.
- Model presentation and interpretation of post-test results.
Weld-Ed = The National Center for Welding Education and Training (NSF-ATE Grant No. 1400351)

*Nord Advanced Technology Center at Lorain County Community College in Elyria, Ohio*

Supports welding technician pipeline by providing PD, curriculum enhancement, and technical assistance to High School, Community College and University welding programs.

Partnership between:

Key Questions

Why were you interested in FAS4ATE2 - what problem are you trying to solve by participating?

What has the process of developing a formative approach been like?

What’s different in your process now compared to before

What has shifted about your thinking from before the project until now?

What aspects of what we’ve done together so far are important to the HI-TEC community?
Summing Up

What’s the power of this process?

Why hasn’t it cracked the PD data conundrum?
FAS4ATE 2.0 Microsite - https://ate.is/fas4ate2


Want to download the Formative Assessment Tool Kit?

Scan this QR code or go to https://tinyurl.com/PDFASuserRego
Questions?

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