LEVERAGING ASSESSMENT & EVALUATION FOR STUDENT SUCCESS: WORKING SMARTER NOT HARDER

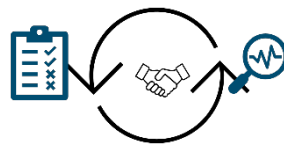## FAS4ATE

FAS4ATE = ASSESSMENT & EVALUATION HAND IN HAND

Assessment: "…the systematic basis for making inferences about the learning and development of students." (Erwin, 1991)

Evaluation: "…to fully describe and fully judge" a whole educational program, including student learning. (Stake, 1977)

At FAS4ATE, we enable professional development (PD) programs to integrate assessment and evaluation. Our tools help ensure that participating teachers exchange information about their learning with the PD instructor to discover how PD can help their learning, and their students learning. They then take this exchange of information back to their classrooms and use formative assessment to help boost their students' learning. This creates better learning, and data for evaluation and reporting.
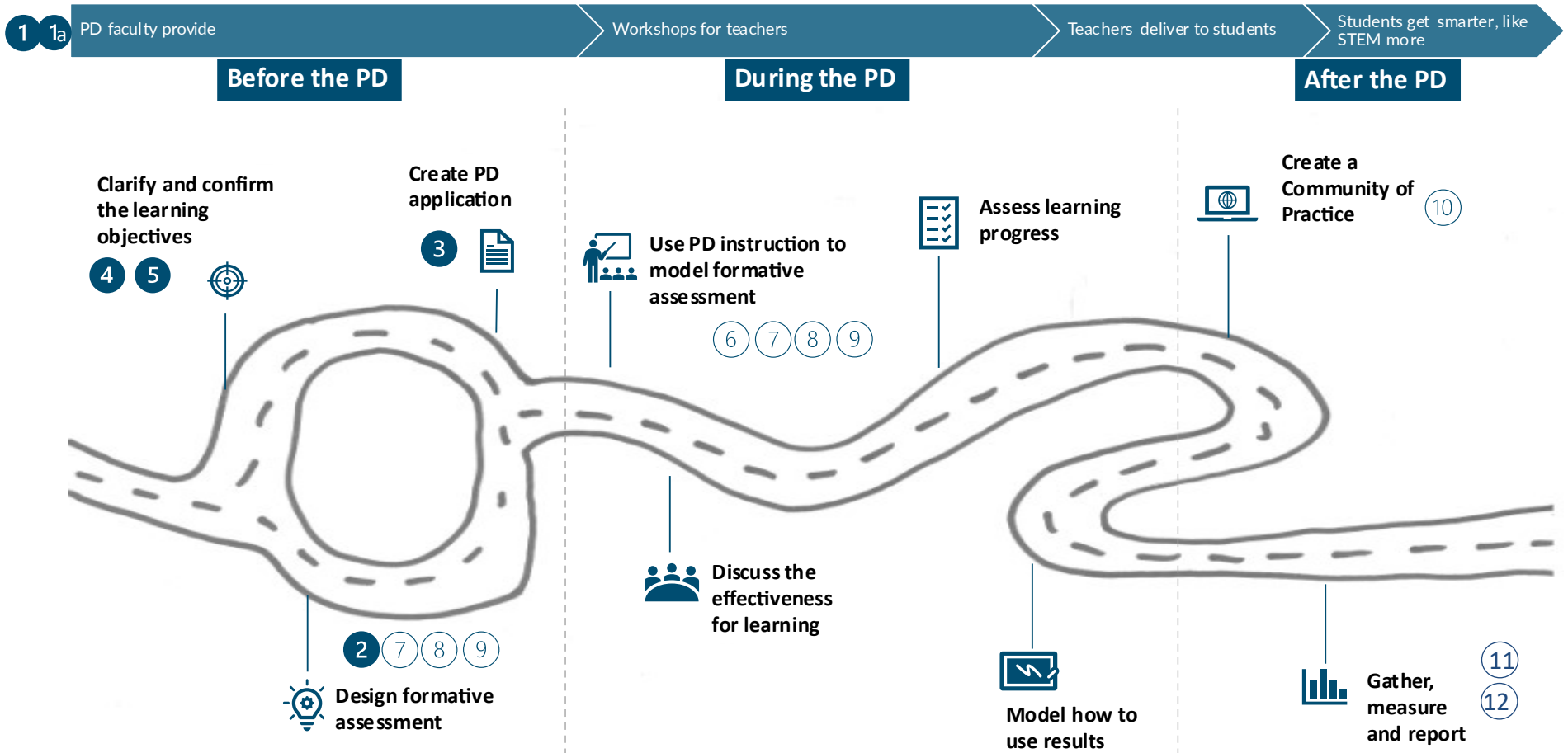
WHAT DOES FAS4ATE HAVE ON OFFER?

- **0** Introduction to the PD-Formative Assessment System
- **1** PD Evaluation Checklist
- **1a** • PD Evaluation Checklist (short version)
- **2** Pre-assessment: Design and Use
- **3** PD Application Template
- **4** Guide for Developing Learning Objectives
- **5** Guide for Learning Objectives to Analyze Deep and Surface Learning
- **6** Summary Sheet of Pedagogies Suited to Types of Learning
- **7** Rethinking Quizzes
- **8** Test Development
- **9** Guides for Integrating Assessment and Evaluation throughout the PD
- **10** Participant Follow-up Template
- **11** Guide on Gathering Student Data
- **12** Stakeholders to Be Involved in the Evaluation of PD

Figure 1. FAS4ATE Resources for Integrating Assessment and Evaluation in PD

We have developed a range of resources to support assessment and evaluation throughout the PD lifecycle (Figure 1). To access any of the tools online, hover your mouse over the name of the tool in Figure 1 and follow the directions to access the link. If that fails, use the tinyurl or QR code at the bottom of the next page to register and download. On the following page, we have mapped the tools by number on the Road Map of the PD life cycle. In Figure 1 and the Road Map, the number icons show the tested tools; the open icons are tools that have been

ROAD MAP OF THE PD LIFE CYCLE

1 **1a** PD faculty provide ⟩ Workshops for teachers ⟩ Teachers deliver to students ⟩ Students get smarter, like STEM more

Before the PD | **During the PD** | **After the PD**

Clarify and confirm the learning objectives
4 **5**

Create PD application
3

Use PD instruction to model formative assessment
6 7 8 9

Assess learning progress

Create a Community of Practice
10

Design formative assessment
2 7 8 9

Discuss the effectiveness for learning

Model how to use results

Gather, measure and report
11
12

GET IN TOUCH

Register your interest and download resources: https://tinyurl.com/FAS4ATE-resource-contact
Amy Gullickson: amy.gullickson@unimelb.edu.au **Robin Datta**: robin.datta@edmonds.edu **Microsite:** https://ate.is/fas4ate2

Erwin, T. D. (1991). *Assessing student learning and development: a guide to the principles, goals, and methods of determining college outcomes / T. Dary Erwin ; foreword by Peter T. Ewell*. Jossey-Bass.

Stake, R. E. (1977). The countenance of educational evaluation. In A. A. Bellack & H. M. Kliebard (Eds.), *Curriculum and evaluation* (pp. 372–390). Berkeley, CA: McCutchan.