

Battelle Teacher Academy



Year-long hybrid professional learning for K–12 educators to strengthen STEM instruction and connect classrooms to real-world workforce opportunities

Program Components

Asynchronous Manufacturing + Maritime Industrial Base (MIB) Introduction	<ul style="list-style-type: none">• Self-paced modules orient educators to manufacturing and the MIB ecosystem, terminology, career pathways, and regional supplier networks.
In-Person Professional Development Institute (3 days)	<ul style="list-style-type: none">• Design thinking workshops and challenge-based learning• Workforce connections with industry partners• Dedicated work time to design a personalized problem-based learning (PBL) unit for students
Virtual Touch Points	<ul style="list-style-type: none">• Monthly community of practice sessions focused on translating MIB needs into classroom learning<ul style="list-style-type: none">• 2 full-day workshops (subs may be required)• Afterschool workshops• Peer feedback, planning support, and classroom implementation troubleshooting
In-Person Industry Externship	<ul style="list-style-type: none">• Visit with a local MIB supplier to explore tools, technology, processes, and education needs• Translate real operations into student-centered PBL experiences
In-Person Wrap-Up + Leadership	<ul style="list-style-type: none">• Present PBL implementation and outcomes• Build leadership capacity to sustain workforce-connected instruction in school/district

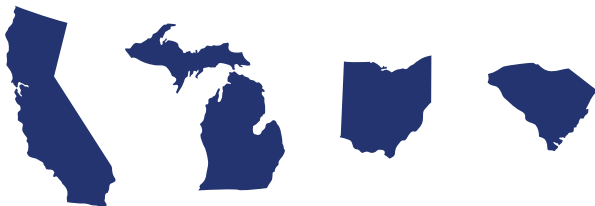


Program Overview

- Hybrid, year-long cohort for K–12 teachers in any subject area
- Immersive learning, collaboration, and job-embedded application
- Academic content aligned with high-demand career pathways

Structure at a Glance

- Summer kickoff institute (3 days, in person)
- Monthly virtual community of practice (2 full-day workshops; remainder after school)
- One-day industry externship (local MIB supplier)
- Spring culminating session (1 day, in person)



800.201.2011 | solutions@battelle.org | battelle.org

Battelle and its logos are registered trademarks of Battelle.
© Battelle 2026. All Rights Reserved.

01/26

Why It Matters

- Strengthen high-quality STEM teaching practices
- Increase student engagement through authentic problem solving
- Connect instruction to local and national workforce needs
- Build awareness of STEM and skilled-trades career pathways
- Prepare students with skills aligned to future careers

Who Should Apply

- Full-time K–12 teachers (any subject; new or experienced in STEM)
- Must teach in CA, MI, OH, or SC
- Ideal for educators seeking industry-connected instruction

Cost & Support

- \$2,000 program fee waived for accepted participants, thanks to industry support

BATTELLE