

Creatively Reimagining Engagement With Data in Biology Learning Environments

2025-26 Class members – find project materials [here!](#)



Welcome to the Project CREDIBLE (Creatively Reimagining Engagement With Data in Biology Learning Environments) website.

Our Mission

Project CREDIBLE is a research-practice partnership intended to advance how middle and high school students use data in science classes. Funded by the National Science Foundation,

we bring together teachers, researchers at the [University of Tennessee, Knoxville](#), the [Great Smoky Mountains Institute at Tremont](#), and [DataClassroom](#) to transform data literacy in STEM education.

Our Approach

We focus on four core aspects:

1. **The Data Investigation Cycle** — From posing questions to communicating conclusions
2. **Place-Based Education** — Using local environments as assets for learning
3. **Thinking Probabilistically** — Moving beyond “right” or “wrong” to embrace uncertainty
4. **Ambitious Science Teaching** — Engaging students with big ideas and their own thinking

Explore the Site

- [About](#) — Learn about our mission, team, partners, and advisory board
- [Educator Network](#) — Resources for our 2025-26 class and teacher leaders
- [The ABCs of Data](#) — Our framework for data analysis and interpretation
- [News & Events](#) — Updates, publications, and upcoming events
- [Get Involved](#) — Join our educator network or contribute to the project
- [Contact](#) — Get in touch with our team

