

# Donna Sterling Institute

## Create the Future: Using Engineering Problem-based Learning to Solve Transportation Challenges

**November 16, 2023; 8am-3pm**

**In Person: Hotel Roanoke - Roanoke, VA**

We are pleased to announce the 2023 Donna Sterling Institute for K-12 teachers.

Participants will

1. Learn how to implement engineering PBLs in your classroom.
2. Engage in activities to support understanding of engineering and transportation science.
3. Learn and apply the key components of an e-PBL unit to meet the needs of your students and Virginia Standards (force, motion, energy; electricity and magnetism; human impacts on the environment, sustainability; modeling).

Registration includes a hotel room for Wednesday night, breakfast and lunch, plus a certificate indicating completion of 7 hours of PD.

**[Donna Sterling Institute Registration: \\$100](#)**

(Institute registration fee does not include registration for the VAST PDI)

**Registration Opens March 15 and Ends October 31, 2023**

Donna Sterling's vision of problem-based learning (PBL) as a means of teaching and integrating science with math, engineering, technology, and language arts is timeless. She was committed to meeting the diverse needs of our students through culturally responsive and equitable practices. Her legacy lives on in the Sterling Institute which supports teachers in developing and enacting PBL units in their instruction through a 7-hour professional development experience.

Here is your chance to learn how to implement this powerful teaching strategy!

Instructors include Robin Curtis, Dr. Elizabeth Edmondson, Dr. Amanda Gonczi, Suzanne Kirk, Russ Kohrs, and Dr. Jennifer Maeng