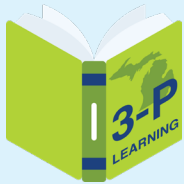


The Wayne Regional STEM Network 2024-26 Impact Report



Wayne Regional STEM Network

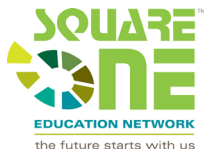
- One of 16 MiSTEM regional sites across the State



3-P Learning

3-P Learning encompasses problem-, project- and place-based learning. These are student-centered approaches designed to engage learners through experiential learning.

- Created disciplinary literacy conference that highlighted 3-P
- Components of 3-P learning are included in all initiatives
- County leadership attended PBL professional learning
- Leadership team developed county-wide 3-P support plan



Drone Competition

- 131 students from 20 schools participated in the 2026 competition



Geospatial Technologies Talent Consortium

- From 2021 to 2025, 64 students interns in southeast Michigan completed paid GIS internships in 18 companies and agencies
- Since Winter 2020, 632 [GIS courses](#) have been taken through dual-enrollment at Eastern Michigan University



Computer Science Professional Learning

K-12 Computer Science Teacher Professional Learning including curriculum resources and teacher stipends.

- 59 Wayne County educators participated in TeacherCon 2025
- [Mi-Coding.com](#)



Modeling Instruction

Modeling pedagogy is integrated with an engaging technical component around one of Michigan's leading industries, *mobility*.

- Teacher professional learning includes insight from industry professionals
- Equipment provided: micro:bit microprocessor, robotic vehicle and sensors
- In 2025, 9 teachers and over 1,300 students impacted



Wayne RESA: 33500 Van Born Road • Wayne, MI 48184 • 734.334.1300 • 734.334.1620 fax • www.resa.net

Board of Education: James S. Beri • Mary E. Blackmon • Danielle Funderburg • Lynda S. Jackson • James Petrie

Superintendent: Daveda J. Colbert, Ph.D.

Wayne RESA is an equal opportunity employer.



OpenSciEd

Curriculum and content specific teacher professional learning along with support for coaches and PLCs

- Implementation/Pilot support for Instructional Leadership
- Opportunity for participation in Network Improvement Community
- OpenSciEd High School: 56 participants attended from 12 districts
- OpenSciEd Middle School: 18 participants attended from 8 district



Master Science Teacher Fellowship

MSTF is an intensive teacher training program that develops teacher efficacy and leadership.

- Each fellow participates in a 3-year professional learning program
 - Cohort I: 14 Fellows representing 7 districts
 - Cohort II: 9 Fellows representing 6 districts
- Fellows earn a Wayne County Master Science Teacher Certification



Next Generation Science Teacher Training

Professional Learning to support K-12 science teaching, including virtual options and kits.

- 134 educators from 14 districts participated



Moving Literacy Outdoors

Moving Literacy Outdoors projects engaged teachers and students in observing, building, reading, and writing about the natural world in their local school environment.

- Wayne-Westland Community Schools was awarded a MiSTEM Playbook Mini Grant to support STEM outdoor education
- District-owned areas on school property will be transformed into accessible environments where all students can engage in meaningful, place-based learning experiences.
- Creating outdoor learning spaces within the district will eliminate transportation costs—one of the most common barriers to field-based learning—allowing all students to visit multiple times throughout the year at no cost.



Secondary Coaching Network

- 40 coaches representing 23 districts participate



Home Where We Live by Takeisha Jefferson

Disciplinary Literacy Conference

Disciplinary Literacy Essentials were brought to life through place-, problem-, and project-based learning, exploring how to strengthen critical thinking, collaboration, and inquiry in schools and districts.

- 126 attendees representing 40 districts