



ENGAGE • EMPOWER • ENRICH

Key strategies:

- Office of Sustainability and Sustainability Framework
- Green Teams Program
- MWEE Curriculum Development Cohort
- Outdoor Learning in K-5 Science Curriculum



Loudoun County Public Schools at a glance:

3RD largest K-12
school division
in Virginia

81,000 students &
13,000 staff



100 schools
& 14 support facilities totalling

750 buses &
650 vehicle
white fleet

13.5M sqft &
4,000 acres

LCPS Mission:

Empowering all students to
make meaningful
contributions to the world.

LCPS Sustainability

- **Dec 2023:** Office of Sustainability opens (1FTE)
- **The Charge:** Integrate sustainability into who we are and how we operate as a school division.



On June 24, 2025, the Loudoun County School Board approved the LCPS Sustainability Framework as the foundation for **incorporating sustainability into instruction, operations and culture of LCPS** while also informing **budget development**.



LCPS Sustainability Framework



Support Services

“Making the Connection” icon appears throughout the Framework document



GOAL 3: Cultivate Environmental Literacy for All

Target 1. Every Student Outdoors

Create awareness of the benefits of outdoor learning and cultivate nature-connectedness through time spent in local environments.

Target 2. Curricular Integration

Ensure integration of environmental literacy into the curriculum and promote schools, campuses and communities as learning laboratories.

Target 3. Educator Support

Develop ready-to-use materials and fun professional development that builds educators' confidence & skills to take learning outside.

Target 4. Career Exploration & Readiness

Expose students to the diversity of environmental/sustainability careers.



LCPS Green Teams Program

25 Schools (SY25 Pilot) → 60 Schools (SY26)!

This year:

- 62 Green Team Leads (stipended)
- Project funds to support student ideas
- Nearly 6,800 students directly engaged
- 24,000+ students benefited from projects

"The Green Teams Program helps educators and students take on the projects they've dreamed of!"

- Scott Fortney, Woodgrove HS



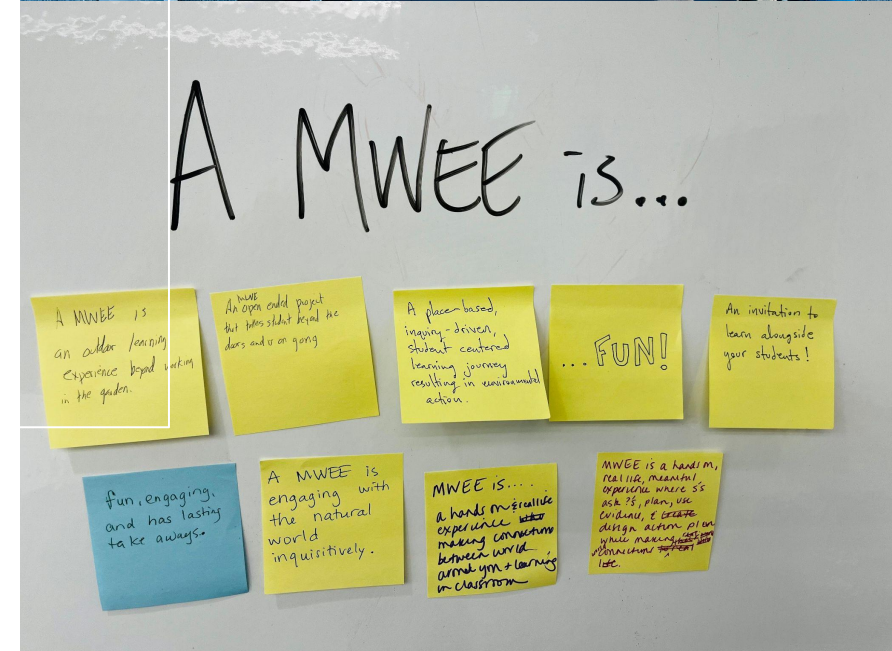
MWEE Curriculum Cohort K-3

- Year-long cohort of **11 educators**, multiple schools
- Researched & experienced MWEEs themselves
- Learned alongside community partners
- Collaboratively designed MWEEs for each grade level
- Now **embedded in the LCPS curriculum**
- Supported by MWEE grant from Virginia DCR

Educator Support: Full-day MWEE PD trainings & kits!

Meaningful Watershed Educational Experience (MWEE):

A hands-on, learner-centered framework that engages students in investigating local environmental issues in both the classroom and outdoors and leads to student-led, informed action that supports sustainable communities.



Outdoor Learning in K-5 Science Curriculum

- Partnership with Thinkering Collective
- **Trained an educator-focused AI-bot to learn:**
 - LCPS Science Curriculum K-5
 - LCPS Instructional Framework
 - Science Standards of Learning (K-5)
- Created **shelf-ready, outdoor learning activities** for each unit, per grade level - **embedded in curriculum**

Next Step: Outdoor learning carts for each grade level

- Durable supplies for embedded activities
- Readily accessible, easy to use!

