

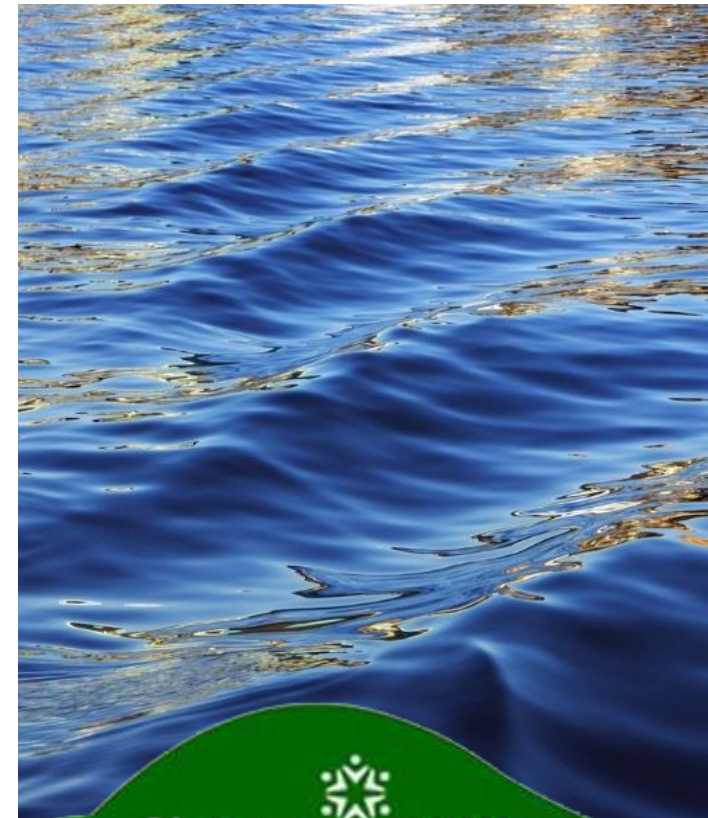


Community Partnerships

Tresine T Logsdon
Sustainability Curriculum Coordinator
Fayette County Public Schools



FAYETTE COUNTY PUBLIC SCHOOLS



Partnering with Fayette County Public Schools



It's About Sustainability: Water Quality & Outdoor Learning- 5 min



FCPS Outdoor Learning Priorities & Opportunities- 10 min

- Outdoor Classrooms
- COVID strategy
- 2017 Feasibility Study







Who's Who: FCPS Primary Water Quality BMP Contacts- 5 min

- Large Projects (stream restoration)
- Construction/Renovation (permeable pavers, rain gardens)
- Small projects (rain gardens)



What is a FCPS Green School?

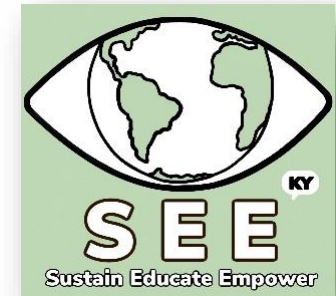


-  Reduces environmental impact of buildings and grounds,
 -  Has a positive effect on student and staff health,
 -  Increases environmental and sustainability literacy among students,
-  through inquiry-based, student-driven initiatives.





It's About Sustainability Water Quality & Outdoor Learning



2010, Sustainability Coordinators, 2020 National Green Ribbon School District



SEE KY

- Energy savings: \$12.8 million
- STEM & Our Environment
- Bluegrass Youth Sustainability Council
- Green Careers



Sustainability in FCPS

- Water
 - *Rain gardens*, rain barrels
- Energy
 - Climate Change education, renewable, interschool competitions, Go Green + Earn Green
- Local Food
 - Farm to School
- Outdoor Classrooms
 - Seating, vegetable/*rain gardens*, tree-planting (Tree Week/UFI), trails, biodiversity, pollination
- Solid Waste
 - Recycling, composting, upcycling



FCPS Outdoor Learning Opportunities & Priorities

Living Laboratories where interdisciplinary lessons are drawn from *real life experiences*, encouraging students to become **active learners**

Outdoor Classrooms

- 75% schools
- Curriculum integration, socio-emotional learning, physical health, life skills
- Rain Gardens: student engagement, LFUCG Stormwater Quality Incentive Grants, public perception/education (natives)



COVID Strategy

- Outdoor Learning- future application
- FCPS Operations & Grounds
- .5 Rise STEM Academy for Girls



Safety expectations

Must be implemented by schools as determined by the Kentucky Department for Public Health.

- Post signs throughout the school facility encouraging proper hand and respiratory hygiene practices (covering coughs and sneezes).
- Daily cleaning and disinfection of all school facilities.
- Collaborate with local health department for guidance on closures and re-openings.
- Consult with your local health department's environmental health program to determine ventilation capacity in classrooms. When reasonable and feasible, utilize outdoor instructional time.

2017 LFUCG Water Quality Grant: Feasibility Study

- Determine top 3 stormwater improvement project favorable for LFUCG Stormwater Incentive Grants
 - Reduce stormwater runoff, improve stormwater quality, infrastructure for outdoor learning, offset water quality management fees



Who's Who: FCPS Primary Water Quality BMP Contacts



Large Projects

- LFUCG Stormwater Quality Incentive Grants- Infrastructure
- Stream restoration (Millcreek Elementary, Clays Mill Elementary)
- Benefits: stormwater treatment, outdoor learning infrastructure
- Challenges: maintenance, teacher turnover
- **Tresine Logsdon/Jeff Harris** (formerly Kelly Breeding)



Construction/Renovation

- KYR10, stormwater discharge during construction
- LFUCG Stormwater Manual BMPs (Permeable Pavers, Bio-retention/Rain Garden, Bio-infiltration Swales, Rainwater Harvesting [LTAC, WES])
- **Melinda Joseph-Dezarn** (project's landscape architect)



Small Projects

- LFUCG Stormwater Quality Incentive Education Grants (ACE, JCMS, BSMS, BMS, Lansdowne, TCE, HCHS)
 - Student-driven (location, soil permeability, plant/design choice, student outreach, teacher training)
- GG + EG, PTA
- Rain Garden Manual for Schools, lessons + curricular connections
- *BYSC partnership- education/outreach*
- **Tresine Logsdon (Russ Turpin)**





Thank you for
your partnership.

Questions?

Tresine.Logsdon@fayette.kyschools.us
859-619-6472



FAYETTE COUNTY PUBLIC SCHOOLS

