

ONE MISSION. FIVE STAGES. A LIFETIME OF LEADERSHIP.

Stormwater Defenders Missions



A Complete K-Career Environmental Education Program

The Stormwater Defenders Learning Journey is a complete, progressive K-Career curriculum designed to teach students how water moves, how pollution happens, and how real-world solutions can make a difference - from early exploration to career-ready leadership.

Through hands-on projects, STEM challenges, critical thinking exercises, and career exploration, students evolve from Water Protectors to Environmental Leaders - building the knowledge, skills, and civic responsibility needed to create Ripples of Change.

The Mission Packs: K-Career Progression

Mission Pack	Theme & Focus
Water Protectors Grades K-2	Students discover the magic of water and their role as everyday heroes. Through stories, movement, and creative activities, they explore basic water cycle concepts and simple pollution prevention.
The Watershed Team Grades 3-5	Students dive deeper into how water moves across surfaces, what watersheds are, and how stormwater pollution happens. They conduct surface runoff experiments, become pollutant source detectives, and explore BMPs.
Mission: Source Control Grades 6-8	Students sharpen their critical thinking skills by tracking pollutants to their sources and designing real-world BMP solutions. They conduct runoff experiments, erosion studies, and create stormwater prevention campaigns.
Stormwater Intel Ops Grades 9-12	Students become true environmental investigators — mapping runoff, conducting field inspections, proposing BMP designs, and exploring careers in water engineering, inspection, and planning.
From Learner to Leader Career-Ready Learners	Students bridge the gap to the workforce, building resumes, conducting mock inspections, preparing for interviews, and mapping their career pathways in the stormwater and environmental industries.

Each mission builds on the last, deepening knowledge, critical thinking, and real-world skills at every stage - creating the environmental defenders and leaders our future needs.

Program Highlights

- Aligned with Common Core, NGSS, CTE, and STEM Initiatives
- Supports MS4 Public Education & Outreach permit requirements
- Engages students through storytelling, real-world investigations, and civic action
- Interactive Stormwater Defenders Headquarters Access at every level
- Printable activity books, games, scavenger hunts, posters, badges, and certificates included
- Career readiness focus with direct ties to workforce development



What's Included

- Full teacher curriculum guides and editable lesson plans
- Student activity books, worksheets, and career planning templates
- Hands-on games (crosswords, scavenger hunts, puzzles)
- Visual materials (HQ maps, Path to Pro career ladders, posters)
- Certificates and digital badges for achievement
- Access to exclusive interactive Headquarters digital platform

Pricing and Details!

Put this program to work for you!

Mission Packs are materials, supplies and games that are created for each age group. They include a suggested lesson plan for the educator. **Materials can be customized or branded to the unique climatology, established programs, messages or water quality protections in your area!** Mission Packs are included in the Enlistment Subscription, but can also be purchased separately.

Enlisting Wavemakers!

Enlistment in the Wavemaker program is an opportunity to include this program on a single event basis to an annual subscription and integration across all grade levels. It can be targeted to certain age groups or more broadly integrated through a school district. Enlistment also offers access to the Stormwater Defenders Headquarters. **Headquarters is a virtual interactive learning space where kids and adults alike can visit character themed rooms, conduct live trainings or workshops, and have fun while learning!** Think of it as a virtual science center focused on water quality.



10-Second Elevator Pitch

"Stormwater Defenders is a full K–Career environmental education program that grows with students — from learning how water moves in elementary school to design and monitoring skills in high school and beyond. It's hands-on, standards-aligned, career-driven, and built to meet MS4 public outreach requirements while inspiring the next generation of environmental leaders using the Stormwater Defenders as the character theme."

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