

STREAM Students
Afterschool Initiative

Connecting CMSD Students to Careers in Conservation



# **Looking to Grow**

- 12,000 students served annually
- Transportation
   and scheduling are
   barriers for many schools
- Safe and engaging afterschool opportunities are needed for students
- To attract students to careers in science, they need to love & experience it





#### STREAM Students Model

- Bring 18 CMSD students to WCR twice/month during the school year
- Students utilize science, technology, research, engineering, art, and math to implement an environmental restoration project

 Cleveland Metroparks provides student dinners and transportation to and from school





# Funding & Logistics







- Two-year National Oceanic & Atmospheric Administration grant
- Partnered with Natural Resources, West Creek Conservancy and Open Doors Academy
- Staffed by two Cleveland Metroparks naturalists, Matt Knittel and Peter Frank



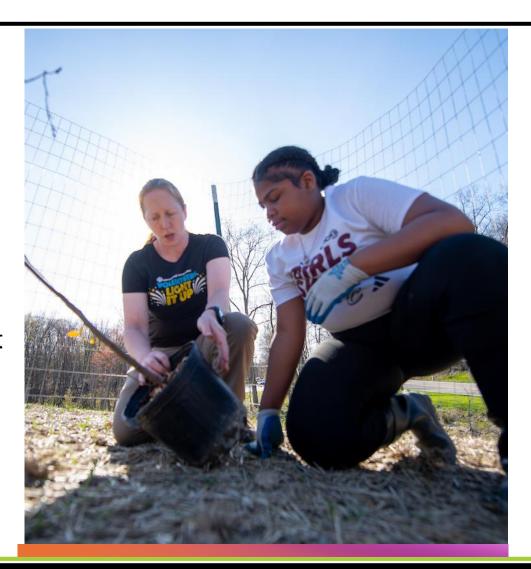
### **Project-based Learning**





## Career Exposure

- Naturalist
- Natural Resources Area Manager
- Stream Restoration Ecologist
- GIS Manager
- NOW Corps





# Research & Planning













### **Hands-on Science!**





#### Perseverance & Teamwork







#### **Community Impact, Ownership, and Belonging**









#### **First Year Results**















## **Looking Ahead**

- Continue work with Natural Resources, Open Doors Academy, and West Creek Conservancy
- Exploring collaboration with Rhodes College & Career Academy

 Continue monitoring existing project and create a new project learning opportunity!



# **Questions?**



