

WATER, WATER EVERYWHERE

Memphis Business Academy, Reverend Anthony Anderson
Department of Instruction and Curriculum Leadership

PROJECT COORDINATORS

Reverend Anthony Anderson, Ruby Elmore, Angiline Powell, Andrea Reeder & Sanghi Choi

NEIGHBORHOOD

Frayser, north of downtown Memphis

CHALLENGE

Frayser is a community situated in the peninsula created by the convergence of the Loosahatchie and Wolf Rivers into the Mississippi. The majority of the area's population is living well below the median household income with low educational achievement. A once thriving community, the decline of industry in the area left many residents without jobs and contributed to the environmental issues plaguing the neighborhood.

IDEA

Implement a school-based program that will:

- Increase student understanding of environmental science and math through applied activities
- Investigate water quality and the effects of industrial pollution
- Help students explore the relationships between environmental, mathematical, and science concepts



Seventh grade teachers at the Memphis Business Academy conduct water tests for pH, nitrates, and phosphate to evaluate water quality.