IGNITING STREAMS OF LEARNING IN SCIENCE (ISLS)
Watershed Academy Program for 2012-2013

- **When:** June 11-22, 2012
- **Where:** Camp Corde – Parma, Ohio
- **Who:** Rising 11\textsuperscript{th} and 12\textsuperscript{th} graders from neighboring schools of the Big Creek and West Creek Watersheds (Parma HS, Valley Forge HS, Brooklyn HS, John Marshall HS and James Ford Rhodes HS.)
GOAL OF THE PROJECT

- To develop learning communities of community partners, high school teachers and students, and college and university faculty and students to promote restoration of ecological services of urban watersheds.
PARTICIPANTS

- RHODES HIGH SCHOOL LEARNING COMMUNITY
  - Mr. Gazda
  - Mrs. Croxford
  - Amber Kirby
  - Zhane Walters
  - Stephanie Ayala
  - D’metri Phillips
  - Erin Oney
  - Ashley Musselman
  - Jamal Pugh
THE SUMMER EXPERIENCE

Open Discussion

Cooperation/Team Building
THE SUMMER EXPERIENCE
FISH ELECTRO-SHOCK

- Electroshock process
  - Collected fish
  - Identified and Counted fish
  - Returned fish to habitat
IDENTIFYING & COUNTING FISH
Telemetry

- What?
  - Deer Tracking
  - Triangulating
  - Taking a bearing on a map.
Earth Worms

- Looking at ecosystems under leaf litter
- Identifying types of earth worms using a \(\frac{1}{2}\) sq. meter and mustard solution
TECHNOLOGY

- How to use technology in the field.
  - Photos
  - Record Data
  - GPS
Rhodes High School’s Proposed Transformation Plan

Grab Transformation by the Horns!
James Ford Rhodes H.S. 2012
Learning Community
FIRST STEPS

- Establish Recycling Program at Rhodes High School
- Inform school and community about summer experience and the need for transformation
- Paper Products Aluminum (Future Plans)
- Plastics (Future Plans)
- Class visitations by students, Teacher Professional Development and Community Outreach.
RECYCLING DURING SUMMER WORKSHOP

From day one we learned about recycling and the affects trash has on the environment and neighborhood watersheds.

Each day we separated the trash produced during the workshop as follows:

- Plastics
- Cans
- Paper Products
- Non recyclables (trash)
RECYCLING
COMMUNITY INVOLVEMENT

Target groups:
- Students (Seniors, N.J.R.O.T.C & sports.)
- Teachers
- Parents
- Community
WHAT CAN YOU DO??????

- Support Recycling Efforts
  - Save paper for future paper drives
  - Save aluminum cans for a March 2013 Earth Day recycling effort
  - Call Abitibi Paper Retriever Company @ 216-961-3900 or online @ www.paperretriever.com and request a paper recycling bin for the East parking lot at Rhodes High School.
THANK YOU