



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 11th and 12th 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

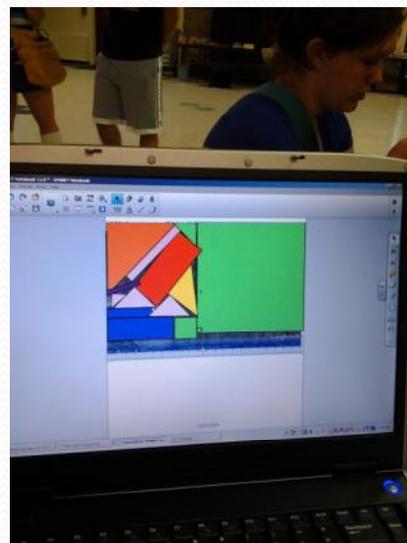
Open Discussion



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



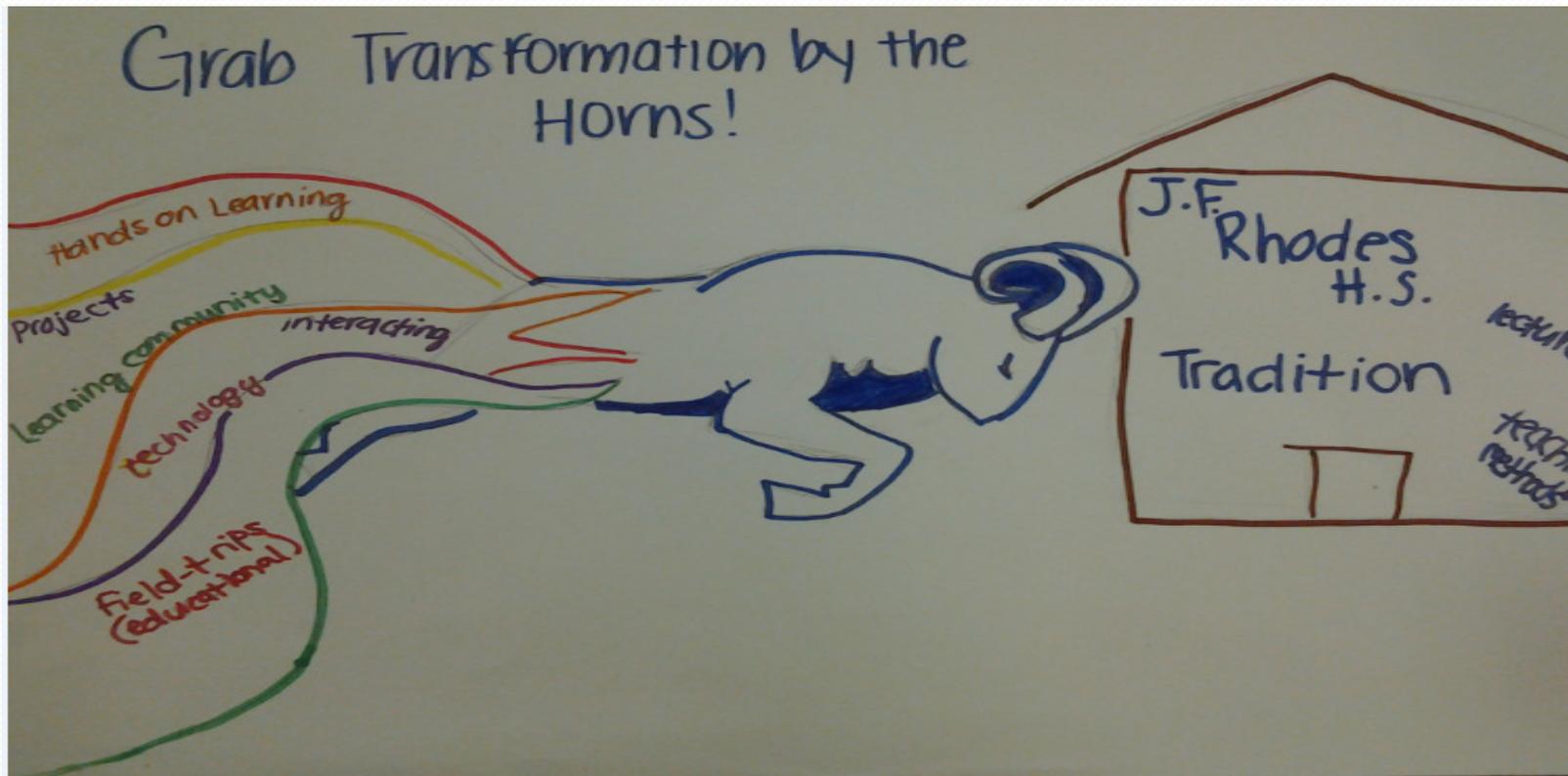
TECHNOLOGY

- How to use technology in the field.
 - Photos
 - Record Data
 - GPS





Rhodes High School's Proposed Transformation Plan



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

