



Lessons Learned from a Pilot Internship

# BUILDING ORGANICS STEWARDSHIP IN PUERTO RICO



Environmental  
Finance  
Center

*Syracuse University*



# OUR SAD REALITY...



- ✖ **4,000,000,000** Lbs per year
- ✖ **3** pounds per person per Day
- ✖ **Recycling only 11%**



# UNSUSTAINABLE





# RESILIENCE TO SUSTAIN LIFE



# MISSION: SUSTAINABILITY, RESILIENCE, CONNECTIONS





# PUERTO RICO RECYCLING PARTNERSHIP

- Sustainable Materials Management Response
- Multi Stakeholder Partnership
  - All Levels of Govt. and Public
- Education, Community Outreach and Public Policy
- Market Development
  - Organics (Organics Management Education Internship)
  - By Material



# INTERNSHIP IN SMM EDUCATION

## ✘ Mission

- + Sustainable Materials Management
- + Waste

## ✘ Objectives

- + Knowledge
- + Infrastructure
- + Leadership

## ✘ Methods

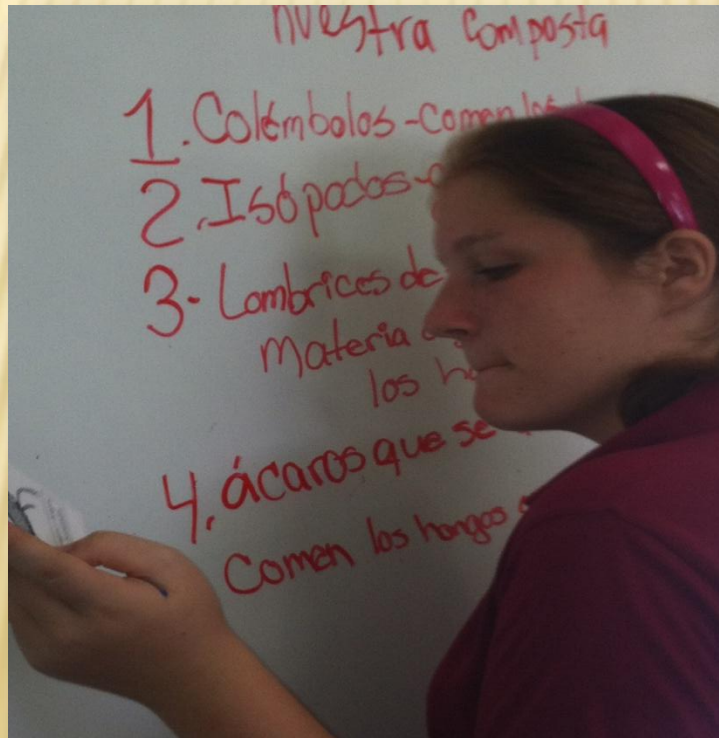
- + Education
- + Natural Sciences
- + Art
- + Agriculture

## ✘ Results



# OBJECTIVES

- ✖ Exchange knowledge
- ✖ Integrate infrastructure
- ✖ Develop stewardship





# METHODS

## ✘ Exchange knowledge

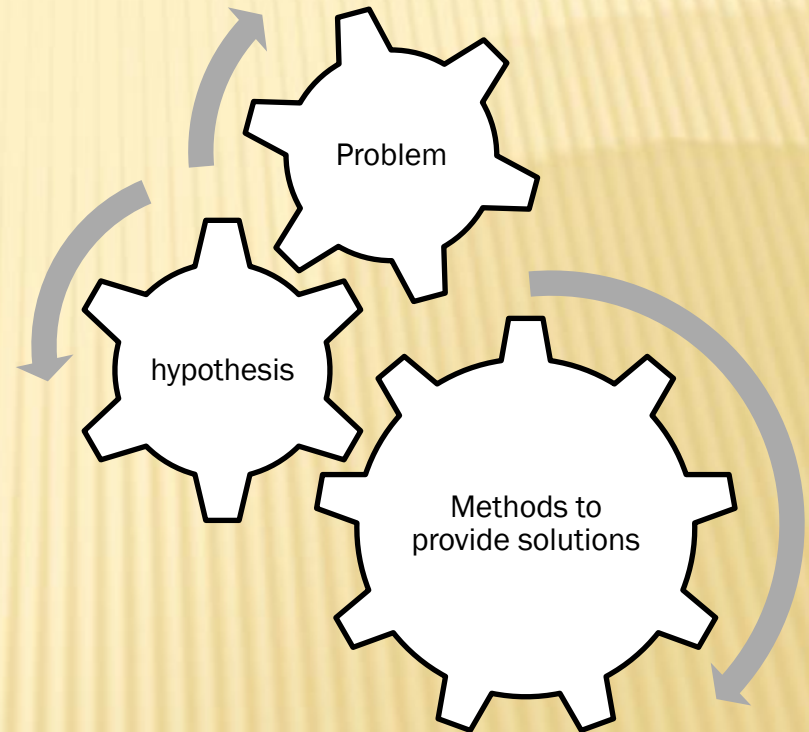
- + Develop Curriculums (activity plans)
- + Technology transfer
- + Problem Base Learning
- + Art + Creative thinking

## ✘ Integrate infrastructure

- + Compost bins
- + Worm bin
- + Food gardens
- + Trees for habitat conservation

## ✘ Develop leadership in environmental Stewardship

- + Critical thinking
- + Cultural heritage
- + Problem based learning



Develop Curriculums, Technology Transfer, Problem Based Learning & Art!

# EXCHANGING KNOWLEDGE

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# Training the Trainers





# VIVO RECYCLING

















# UNIFORMS!

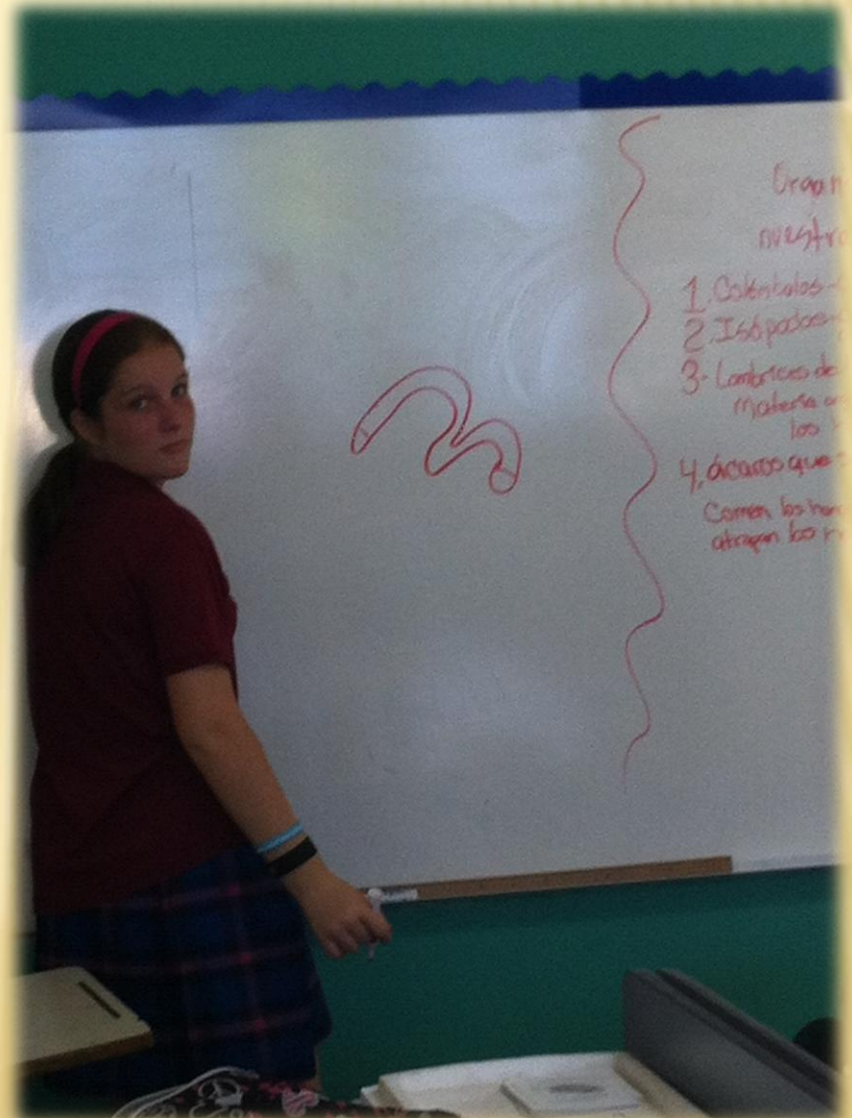


# TRAINING THE FUTURE STEWARDS





# TRAINING THE FUTURE STEWARDS





# MANTA SUMMER CAMP





- Compost bins
- Worm bins
- Food gardens
- Trees for habitat conservation

# INFRAESTRUCTURE

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# INFRASTRUCTURE





# FOOD GARDENS & CONNECTIONS TO LIFE CYCLES



Critical thinking

Cultural heritage

Problem based learning

Training to encourage to teach others

# DEVELOPING LEADERSHIP

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# FOLLOW-UP, FEEDBACKS & AUTOTRAINING



# SHARING TEACHING METHODS





# AUDIOVISUAL RESOURCES

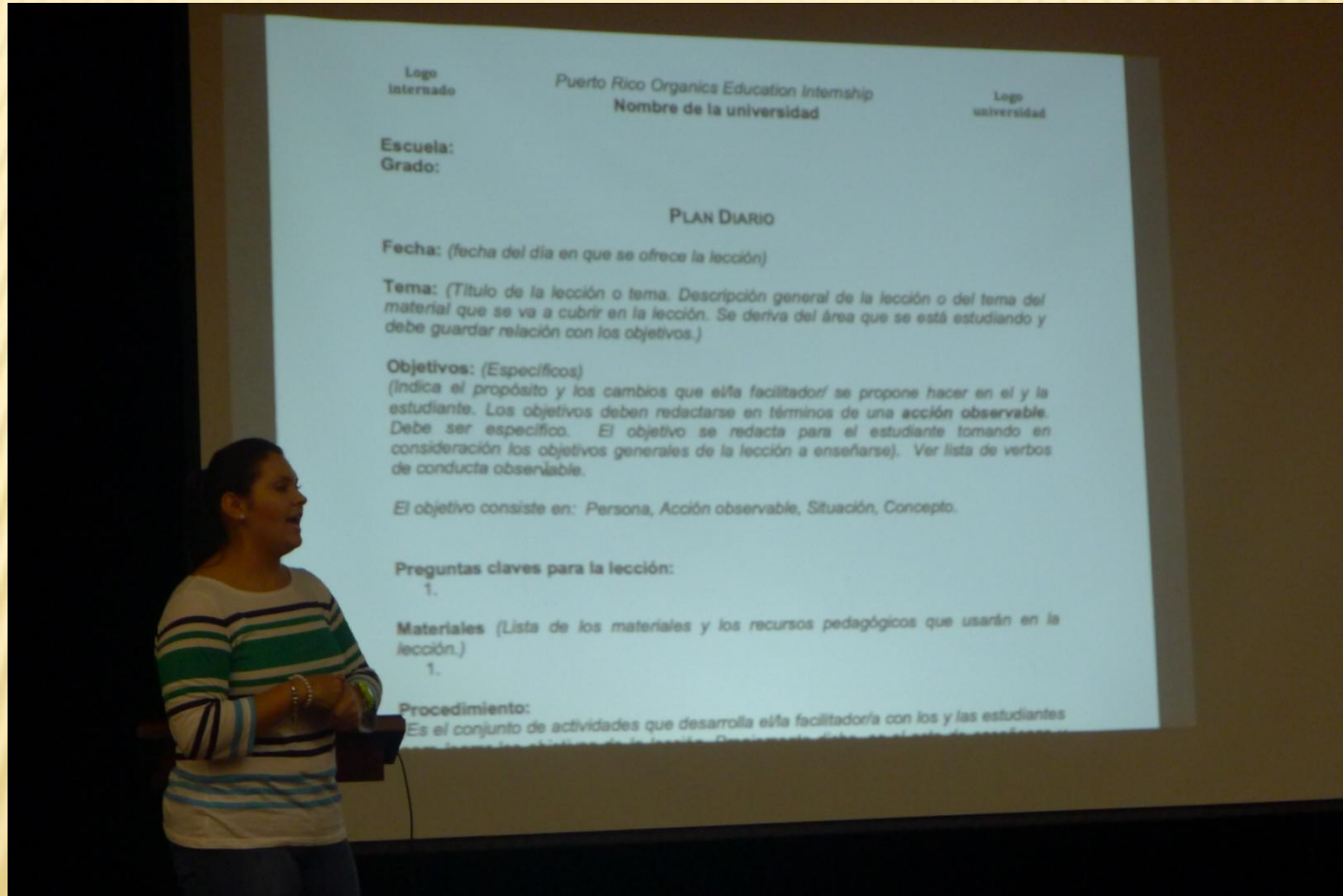


# FOOD GARDENS AS A TOOL TO TEACH





# DAILY PLANS FOR ACTIVITIES TO SHARE





# MULTIDICIPLINARY COLLABORATION





# RESULTS

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## ✖ Organically Growing

- +  $40_{PR1} + 60_{PR2} + 10_{VI} = 110$  college students
- + 60+ schools
- + 1,000+ K-12 students

## ✖ Partnerships

- + Puerto Rico Recycling Partnership
- + Agricultural Extension Services
- + Conservation trusts
- + Universities
- + Others

## ✖ New curriculum, activities and tools to teach about recycling

## ✖ New generation of leaders

## ✖ Compost!

# COMPOST!!

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# CONTACT INFORMATION

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