## Everglades Champions In Action Program

A powerful community partnership for collaborative, student-driven environmental civic action projects in schools.



Shanna Lillis
Everglades Champions in
Action Teacher
The Conservatory School
of North Palm Beach





# Benefits for Educators

**Everglades Literacy Teacher Toolkit:** includes handson, engaging NGSSS-aligned lessons & all necessary materials shipped to your school



**Earth Force 6 Step Civic Action Curriculum:** detailed lesson plans, tip cards, and activities



Meaningful Professional Development: hands-on curriculum learning, networking, field experiences



**Grant Funding:** teacher access to funds for project resources and field trips



**Compensation for Participation:** honors teachers' time, boosts morale & motivation



**Networking:** partnerships with parents, community members, local scientists & organizations



Our Experience with the Everglades Literacy Lessons

### Lesson 1: The Heart of the Everglades (9<sup>th</sup>-12<sup>th</sup>)

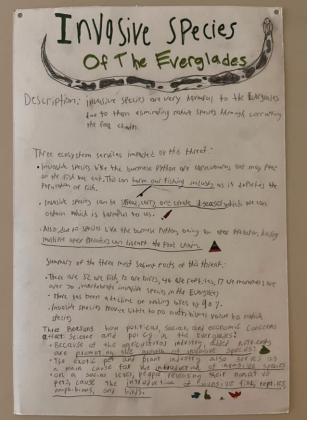
- -teaches students about the KOE watershed and how it was channelized due to human development
- -provides hands-on experience for students to map the KOE watershed before channelization and after
- -Allows students to test and observe impacts of channelization to the water flow

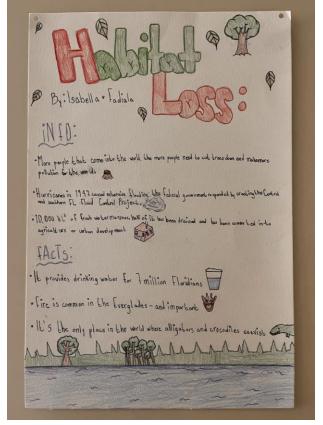


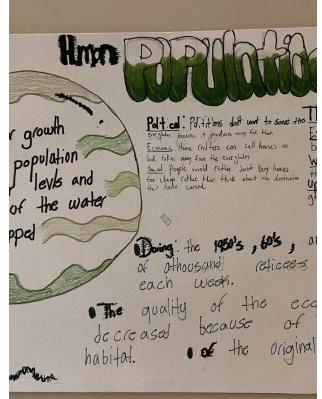
	Grade 3 - Lesson 1
A) Sp	oider Map
Name: Nia Wilhinson	Date:
You are going to create a spider man of so	ome of the habitat types found in the Everglades and the
animals that live there. As your teacher pr	esents the PowerPoint, add the names of the habitat
types to the diagonal lines. Then add the a	animals found in those habitats on the horizontal lines.
HARITAT: 1)	HARITAT:
HABITAT: Hardwood hammock	HABITAT: mangrove Swamp
· Anhinga	Striped mullet
· grey fox	bald eagle
· box turtle	american crocodile
· raccon	west indian manatee
· barred owl	coprey
· Dak ton4	· door thy
Great blue heron	Coseate Spaonbill
· eastern indigo snake	green tree Prog
	THE
EV	THE ERGLADES
-Zebra longwing butterfly	
· Florida panther	ankinga bald eagle coopery
	ig freg river ofter offen alligate
	orey great blue heron
	erican alligator : Dig frog : 105eatu Speanbill
	id eagle annings dragon fly
	rotter gambusia wood stark
	Stork Purple gallirule
	blue herron snapping turtle
The second secon	Sawgross marsh HABITAT CYPRESS Swamp

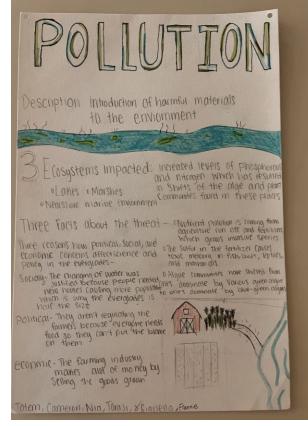
### Lesson 2: Classifying Everglades Animals & Their Habitats (3<sup>rd</sup> Grade)

- Students learned about the 5 major habitats of the Everglades
- Students tested their ability to classy animal cards based on their class.
- Students learned what animal species live in what habitat.









Lesson 3: Threats to the Everglades (8th Grade)

• Students worked in collaborative groups to research major threats to the Everglades & created informative posters regarding the political, economic and social impacts of these threats.

### Civic Action Project Development

Topic: Invasive Plants

### **Community Inventory**

- Research: Invasive Plants of the Everglades, local policies to address this problem.
- 2. Interviews with Experts: Holly Andreotta from South Florida Water Management District & Antonio Rodriguez from PBC ERM.
- 3. Community Survey: Google form sent to parents to determine community members knowledge of invasive plants.





### Invasive Plant Removal Field Experience at

Winding Waters Natural Area













### Project Goal:

We want to raise awareness about invasive plants of South Florida and how to mechanically remove them, which will result in less invasive plants in the Everglades.



Strategies to accomplish this goal:



Make a film to educate the public about Invasive Plants



Make 2 information brochures: Invasive Plants of the Everglades; Native Plants of South Florida



Paint and sell hand-painted reusable bags to raise funds for native plants for the school yard.



Plan & Execute a public exhibition to share film, flyers, and reusable bags



Share film with PBC ERM and on social media sites











### The Conservatory School Public Exhibition

-film screening

-brochure distribution

-reusable bag sale

### Opportunity of a Lifetime: Hike2o Challenge

- Meeting new people
- Experiencing diverse habitats of the Everglades
- Feeling empowered to explore more natural areas
- Sharing the excitement of my adventures with my students









