



# HUMANITIES AND THE SUNSHINE STATE

## TEACHING FLORIDA'S CLIMATES

In partnership with the Florida Humanities Council

JUNE 24-28, 2019

UNIVERSITY OF FLORIDA

### "TAKING IT BACK TO THE CLASSROOM"

We know that it's not always possible to develop and implement a new lesson plan in a busy curriculum. How do you envision incorporating our experiences in your classroom teaching?

Teacher(s): Amber

Grade(s): Varied

Subject(s): Animals 😊

**Idea 1** Print out 6 animal pics, 6 effects of c.c.  
In small groups have students find their "match" of animal + their c.c. problem.  
Once they find their match they can identify 1 solution to that problem

Learning Goals/Standards

Example: Gator / Salt Water Intrusion  
Be mindful of water usage

**Idea 2** Assign part of food chain to each student (producer, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> consumer) + have them draw one on puzzle piece.  
Once complete, connect all puzzle pieces + draw lines to connect food web.

Learning Goals/Standards

Take a piece out + give a climate change reason for removal. Discuss ramifications on that ecosystem.  
Example: Gopher Tortoise (Keystone species) loses food

**Idea 3** source (berries) because of drought. Impacts seed dispersal of plants, predators that eat the tortoise, animals that take cover in burrows.

Learning Goals/Standards

**Idea 4** Once animals have been chosen for project, an activity could be to print a pic of c.c. effects for that species and have students find their match.

Pics can be added to posters or used as a prop in skits.

Middle school  
Climate change  
class

3<sup>rd</sup>, 5<sup>th</sup>  
Food  
chains  
class

3<sup>rd</sup>, 5<sup>th</sup>  
Saving  
Species  
Project

Idea 4

3<sup>rd</sup> 5<sup>th</sup> Animal Behavior class  
Discuss how animal behavior is changing due to c.c.  
Example: Increase in storms → knock down nests → Birds will start over  
OR ~~Increase~~ Increase in rainfall → no shallow pools of food to feed babies → won't nest that year

Learning Goals/Standards

Idea 5

Shows

Bring climate change into show scripts  
Ex: Amazon species (Parrots, Tortoise, snake) - temperature is rising so increased droughts/fire  
Ex: African species (porcupine) not being eaten so pop. is ↑, <sup>by lions b/c</sup> humans move to their space to find resources  
Learning Goals/Standards

Possible take aways for shows: Do a ~~climate~~ <sup>footprint</sup> assessment, ~~carpool, bike, walk~~ Carpool, bike, walk

Idea 6

zoo camp mystery

possibilities: animal ate — plant because normal diet stopped growing due to ↓ rain, ↑ temps  
OR invasive plant now found in different parts of the zoo due to seed dispersal, ↑ rain washed seeds to other areas  
Learning Goals/Standards

What additional resources do you need in order to act on these ideas?

Support from fellow educators