Name: _____

Everglades Water Flow: Historic vs. Altered

If someone were to tell you that you live in the Everglades, would you believe them? Historically, the Everglades watershed spans about one-third of our state historically, starting near Kissimmee and spanning all the way down to Florida Bay. If you live in the Everglades watershed region, you are living in an altered Everglades ecosystem. It provides us with resources like fresh water and is important for tourism, the economy, and so much more.

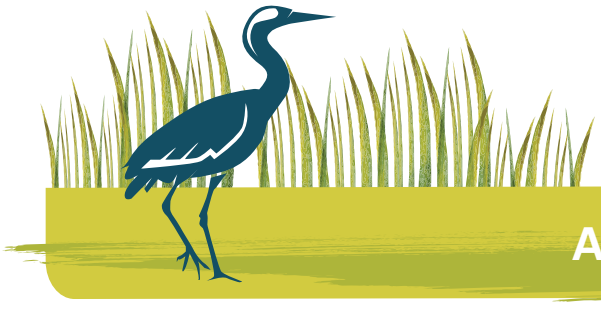
Directions: Learn more about the historic and altered Everglades watershed by watching this River of Grass video by Odyssey Earth and filling out the Anticipation Guide (attached below). Then use the Everglades Water Flow: Historic and Altered Worksheet (attached below:) to navigate through the changes to the watershed and understand how it impacts us, wildlife, and the economy.

Standards: SC.6.E.6.2, SC.912.L.17.16, SC.912.L.17.8

Everglades Literacy Lesson Connection:

Grades 9-12: The Heart of a Watershed
https://www.evergladesliteracy.org/9th-12th-our-watershed
--In small groups, students build a landscape model to illustrate the uniqueness of the Kissimmee-Lake Okeechobee-Everglades (K-O-E) watershed, and then modify the model to demonstrate how alterations have affected the K-O-E watershed.

Name: _____



EVERGLADES CURRICULUM
Grade 9th-12th - Lesson 1

THE EVERGLADES FOUNDATION

Anticipation Guide

Everglades: River of Grass

Before Viewing **TRUE or FALSE**		After Viewing **TRUE or FALSE**
	1 The Everglades ecosystem is really a wide, slow moving river.	
	2. Man-made canals contribute positively to the health of the Everglades	
	3. The Everglades covers about 1500 acres of Southern Florida.	
	4. Tree islands in the Everglades are shaped by flowing water.	
	5. The Everglades begins just south of Orlando.	
	6. The bedrock of the Everglades is made of sandstone.	
	7. Water from Lake Okeechobee once flowed into the Kissimmee River.	
	8. The final destination of water flowing through the Everglades is Florida Bay.	

Name: _____

EVERGLADES CURRICULUM
Grade 9th-12th - Lesson 1

THE EVERGLADES FOUNDATION

Anticipation Guide Teacher Key

Everglades: River of Grass

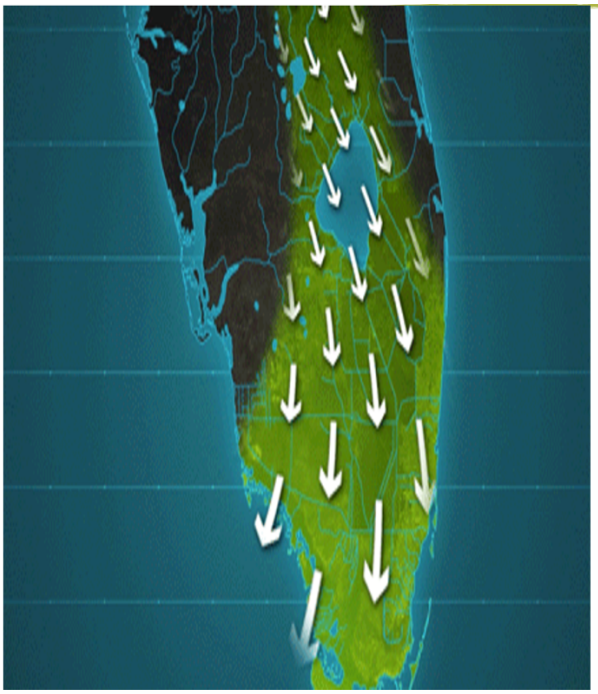
Before Viewing **TRUE or FALSE**		After Viewing **TRUE or FALSE**
	1 The Everglades ecosystem is really a wide, slow moving river.	T
	2. Man-made canals contribute positively to the health of the Everglades	F
	3. The Everglades covers about 1500 acres of Southern Florida.	F
	4. Tree islands in the Everglades are shaped by flowing water.	T
	5. The Everglades begins just south of Orlando.	T
	6. The bedrock of the Everglades is made of sandstone.	F
	7. Water from Lake Okeechobee once flowed into the Kissimmee River.	F
	8. The final destination of water flowing through the Everglades is Florida Bay.	T

Name: _____

Everglades Water Flow: Historic and Altered

Directions: After viewing the River of Grass video by Odyssey Earth and filling out the Anticipation Guide, answer the questions below.

1.View these maps of the lower half of Florida depicting the flow of water in the historic Everglades versus the current Everglades. What's the difference? The orange flows indicate water that is polluted. Explain what happened and how will Everglades restoration fix this?



Historic Water Flow

Altered Water Flow

_____

_____

_____

_____

_____

_____

_____

2.List daily activities that require the use of fresh water.

_____

_____

_____

Name: _____

3.Write a summary paragraph that describes and compares and contrasts the historic flow of water through the greater Everglades ecosystem with the altered, present day flow. Be sure to include impacts to water, wildlife, tourism, and the economy.

_____
_____
_____
_____
_____
_____
_____
_____

4.Draw diagrams of both the historic and altered models and label the components of each model.