



# HUMANITIES AND THE SUNSHINE STATE

TEACHING FLORIDA'S CLIMATES

In partnership with the Florida Humanities Council

JUNE 19-23, 2017

GAINESVILLE, FLORIDA

## ACTION PLAN TEMPLATE

Teacher(s): Denise Mendoza

Grade(s): 4<sup>th</sup> Grade

Subject(s): Science / Social Studies / Language Arts

Title of Lesson:

"Springs, Then and Now  
Where has the Water Gone?"

Learning Objectives:

The students will read two articles related to the Florida Aquifer and use C.E.R. to present evidence as an Essay with 70% accuracy.

Standards Addressed:

SC.4.N.1.1 - Investigate and generate explanations about the Natural World.  
SC.4.L.17.4 - Recognize ways plants and animals (humans) impact the environment.

Lesson Outline:

5-Days (60 mins)

Day 1 - Review the Water Cycle and introduce Florida's Springs.

(emphasize Florida Aquifer)

Day 2 - Create System Diagram for better understanding of Florida's Water Cycle.

Day 3 - Selected Readings "Fragile Springs"

Research online using Digital Newspapers.

Day 4-5 - The Students will write an Essay on the Spring. Comparing and Contrasting the condition of the Spring (Then & Now) using claim, Evidence and Reason.

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Systems thinking connection (learning habits and/or tools used):

System Diagram of "Where is the Water?"  
• Create a system diagram of the Water Cycle including the Florida Aquifer.

Learning Strategies:

- System Diagram - Florida's Aquifer & the Water Cycle
- C.E.R.
- annotating - during research
- Oral History

Science Concept(s):

Water Cycle  
Conservation

Humanities Concept(s):

Social Conscience  
Community Involvement  
Oral History

Student Assessment Strategies:

- System Diagram → "Where is the Water?"
- Writing - "Then and Now Florida's Aquifer"
- H.L. - Oral Interview -

Benefit to my students:

This lesson will provide my students ~~to~~ the opportunity to develop moral conscience in regard to our water supply and Florida's Natural springs.

Resources and Materials (supplies needed for activities):

Fragile Springs  
NIE - Miami Herald on line  
Oral Interviews