



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): Lisa Baig & Meghan Hess Shamdasani
Grade(s): 9-12 (but adaptable to K-8 as well)
Subject(s): Environmental courses, Biological sciences
Title of Lesson: "On the Hugh Manatee!"

Learning Objectives:

Students will independently recognize situations of unsustainable natural resource use. Further, they will communicate the base knowledge of this content area to other students.

Standards Addressed:

LAFS.1112.RST.3.9 - Synthesize information from a range of sources into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.

LAFS.1112.RH.1.1 - Cite specific textual evidence to support analysis of primary and secondary sources, connecting insights gained from specific details to an understanding of the text as a whole.

- Lesson Outline:
- 1- Introduce concept of sustainable and unsustainable resource use.
 - 2- Give all students a paper cut-out Manatee.
 - 3- Over a given period of time (day, week, unit, etc...) students must find a real life example of unsustainable resource use in their neighborhoods and community. - Take photo w/ Manatee
 - 4- Students must bring color photograph and paper describing type of use, and large impacts by set due date.
 - 5- Collection of work and/or share with class.

- over -

(K-8 mod - shorter write/less complex)

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

Critical thinking
Cause & Effect
Application of Content
Digital literacy

Written communication skills
Research skills
Citations
Verbal communication skills

Learning Strategies:

Extension of class content
Multiple learning modality opportunities
Use of research to deepen and enhance student knowledge

Science Concept(s):

Water resources
Soil resources
Air resources
~~Water~~ Land use

Human Impacts
Agriculture
Climate Change
Pollution

Humanities Concept(s):

Urban land use
Rural land use
Environmental Policy

Local regulations
~~Set~~ Ethics
Local History

Student Assessment Strategies:

- Photograph - Manatee must be present. Example shown is a real case of applying concepts from course.
- Paper - 750-1000 words detailing background information about how this has further implications on the larger system. Paper must have proper citations and annotations.

Benefit to my students:

Real world extension
Potential future awareness

↑ (K-8 alter - less writing or change format)

Resources and Materials (supplies needed for activities):

Provided by teacher

Class content
Paper ~~manatee~~ Manatee
Rubric or outline

student or teacher provided.

Camera
Computer
Research sources
Paper.