

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): Janet Jacupke

Grade(s): 5th → 9th

Subject(s): Language Arts + Reading + Social Studies

Idea 1

Climate Change Vocabulary
ex: anthropocene

Learning Goals/Standards

context clues/vocab acquisition

Idea 2

Visualizing Climate Change
Taking the concept + making it tangible + real

Learning Goals/Standards

short story writing "The Lost City of Miami"
"Spring Break in Orlando Beach"

Idea 3

Climate Change + Civic Responsibility
Seeing the issue as a duty of citizenship

Learning Goals/Standards

~~Learning Goals/Standards~~ Civics/citizenship duties

benefits of active participation

- *compare/contrast to voting

Idea 4: Climate Change + Personal Commitment
Brainstorm the Green Action Checklist for
our classroom + at home.

Learning Goals/Standards "Generation Us"

critical thinking + application

Idea 5 Climate Change is Research-Based!
looking at data + graphs on carbon emissions
+ water levels.

Learning Goals/Standards

using graphs, charts

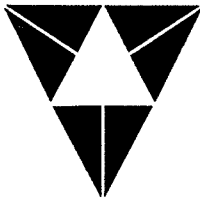
Idea 6 Climate Change events display
specific cause + effect relationships

Learning Goals/Standards

cause / effect relationships

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

Any posters, DVD's, or keepsakes
such as ~~stickers~~, rubber bracelets, etc
help to keep the concepts in front of
the middle school mind. Reminders that
are visual + kinesthetic help imprint the
concept of the subject as important + lasting.



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ACTION PLAN TEMPLATE

Teacher(s): Janet Jacupke

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Title of Lesson:

Climate Change Awareness + A Civic Responsibility?

Learning Objectives:

Climate change affects our communities + is an anthropogenic event. As a responsible citizen we must be active + aware of the issue.

Standards Addressed (if applicable):

Vocabulary acquisition

Civic duty

short story writing

graphs/charts/data interpretation

Lesson Outline:

- Using simple graphs students will review rise of carbon emissions + water levels over the past 2 centuries.
- Connection to climate change as an anthropogenic event.
- Brainstorm/Visualize the progression of this trend across the next 100 years.
- Critical thinking discussion of individual duty + responsibility - as a citizen - to promote positive change.

Learning Strategies:

Students will connect visually through graphs, photos and charts. Students will share personal experiences with the class and brainstorm concepts about change + the future. Students will focus on a personal connection to positive change.

Science Concept(s):

Climate change as an anthropogenic issue that may be positively affected through civic commitment.

Humanities Concept(s):

As "citizens of humanity" we must effect positive change through written, visual, and social action. We must communicate + energize the need for awareness across social class + generations.

Technique(s)/Resource(s) Incorporated from Teaching Florida's Climates Workshop:

★ Framing Climate Change education through a personal accountability focus. It will continue to get worse if we don't act to make it better!

Student Assessment Strategies:

Student will demonstrate awareness + acquisition of new concepts through their choice of:

- Climate change themed short story
- Creation of proposed improvement in carbon emissions based on Green Action strategies.
- Creation of a Green Action Plan for our class.

Benefit to my students:

- Heightened awareness of a hot topic
- Vocabulary to understand the resources associated w/ climate change
- An ~~extra~~ opportunity to exercise personal responsibility + feel connected to civic duty.

Resources and Materials (supplies needed for activities):

- Pictures, Posters, Graphs/Charts from our workshop
- White board + dry erase markers
- Flipchart paper - markers

Extensions:

- ★ Appointment of a daily "Lights off" Monitor
- ★ Student team to install reflective window film
- ★ Campus "Clean Team" or "Green Team" for extra credit.