

Global Teacher Seminar Lesson Plan

PROJECT

GRADE: 9-12

SUBJECT: SPANISH 3

Due date: End of the class on May 21, 2023. (Upload in Schoology)

Overview of the lesson:

In this lesson, students will learn about water loss prevention and conservation. The students will read articles on the importance of water, participate in discussion questions, and complete three tasks. Students will be engaged in this class project for 6 days during a 45 minute class period.

Learning Objectives:

After this lesson, students will be able to:

- Discuss the biological importance of water
- Identify water loss prevention methods
- Explain water conservation solutions

LESSON PLAN:

ESSENTIAL QUESTION: How successful are the United Nations Sustainable Development Goals in ensuring basic human needs are being met within Eastlake, Ohio and Costa Rica?

SUSTAINABLE DEVELOPMENT-WATER SHORTAGE-

(United Nations) Sustainable Development Goal 6 - Clean Water and Sanitation

*Ensure availability of safe and affordable drinking water.

*Create sustainable management of water and sanitation.

Ensure access to adequate sanitation (safe sewage and disposal).

*Reduce contamination (pollution, dumping of hazardous waste) of water sources *Create sustainable management of water and sanitation.

Day 1: (class period, 45 minutes)

Guiding Questions:

- 1.) What are the biggest challenges to water quality and quantity?
- 2.) What are the biggest threats for Eastlake's/Costa Rica water sources?
- 3) How is access to clean water in Eastlake and in Costa Rica?

Task One: Know, Wonder, Learn

Know Wonder Learn Chart

K-W-L Chart Assess what you know about a particular topic before and after you have engaged with it. Fill the columns below with what you Know about the topic, what you Want to know, and what you've Learned.

<i>What do you Know about the topic?</i>	<i>What do you Want to know?</i>	<i>What did you Learn?</i>

Part II> (From **Final Reflection** Task #3):

Days 2-3: (class period, 45 minutes)

KNOW - Document what you already know about this topic or the connections you can make to the topic.

What prior knowledge do you have about the topic of shortage of water, clean water and sanitation in Eastlake and in Costa Rica?

Brainstorm:

*Words, terms and phrases

*Examples

*Connections

WONDER - What do you want to learn about the topic of shortage of water, clean water and sanitation by the end of this project?

*What components of shortage of water, clean water and sanitation are you interested in learning more about?

*What concerns and questions do you have about this topic?

Here are some videos and articles to get you thinking:

Water.org: <https://www.youtube.com/watch?v=VxU9gSQdW1I>

Water.org: <https://www.youtube.com/watch?v=eO3vUr8uVN8>

New York Times: <https://www.nytimes.com/interactive/2019/08/06/climate/world-water-stress.html>

National Geographic: <https://www.nationalgeographic.com/science/article/partner-content-americas-looming-water-crisis>

United Nations webpage in Costa Rica: <https://www.undp.org/>

United Nations webpage (general): <https://costarica.un.org>

Days 4-5: (class period, 45 minutes)

TASK TWO:

Narrow the topic:

You will need to narrow the big topic to a specific area of interest. Here are some suggestions or you can choose your own:

Some ideas for narrowing the topic:

- Access to safe drinking water
- Water shortages and scarcity
- Contamination of water sources-water pollution-urban, suburban and rural water runoff, etc.
- Your own idea (you need to run your idea by your Spanish teacher before starting your project)

Research

Part One: Asking Questions - building your curiosity?

What questions do you have about your topic?

Come up with at least 3 questions that you would like to have answered about your chosen topic. (Remember to think about the 3 Ws (What, Where, When, Who and Why) + How.

Part Two: Information gathering - learn as much information **Required Information** to be included:
as you can about your topic.

You will need to gather the following:

*Facts and data

*Images

*Specific examples

*What is your issue? Give a brief description.

*Why is this issue important?

*United States perspective (you can focus on Eastlake or choose a state of Ohio)

*Ohio's perspective on this topic.

*Costa Rica's perspective on this topic.

*What is being done? Who is involved in creating solutions?

How to access school databases:

Go to:

Research Databases: <https://www.infohio.org/>

To Use:

[Sustainable Development Goal 6: Clean Water and Sanitation](#)

[UNSDG | UN in Action - Costa Rica](#)

<https://www.gale.com/c/in-context-global-issues>

<https://www.gale.com/c/in-context-us-history>

Logging using your Clever account:

Login: Student identification number

Password: provided to you by the school.

Create the infographic

Definition of Infographic: <https://www.techtarget.com/whatis/definition/infographics>

How do you define infographics?

An infographic (information graphic) is a representation of information in a graphic format designed to make the data easily understandable at a glance.

Choose this infographic tool:

- [Piktochart.com](https://www.piktochart.com)

Gather first your information on your topic then you will need to design your Infographics.

Think carefully about the following:

- Facts and data that is essential to include
- Facts and data that this not essential to include
- Color and layouts that best works in sharing the information
- Best way to convey information and data in graphs and graphics
- Organization or flow of information

Your final infographic must be informative, simple and engaging for the viewer.

Please below to see:

[Infographic Assignment, Planning Infographic and Infographic Rubric](#)

Days 5-6: (class period, 45 minutes)

Task Three: Final Reflection

LEARN - What KNOWLEDGE you take away from this project?

Part One:

-What did you learn?

-What caught your mind?

-What questions do you still have on this topic?

Part Two:

*How successfully is the United Nations Sustainable Development Goal of clean water and sanitation being met within Ohio and Costa Rica?
Support your answer with specific examples and details.