

NEH Hudson River Workshop Lesson Plan 2013

Teacher: Kim Artzer

Subject: Interdisciplinary

Grade Level: 4th Grade

Summary:

Students will learn about basic River vocabulary. Students will create a project based on the vocabulary words. They will include the definition of each word, a sentence using the vocabulary word properly, and a picture representing the word. Students also must include answers to the follow up questions.

Subject: Vocabulary
Geographical Vocabulary

Objective

To define water related vocabulary words and gain an understanding of multiple use words. Develop a clear idea of geographical differences of vocabulary words. Create a project showing knowledge of commonalities and differences of water across the U.S.

1. Estuary
2. Brackish
3. Salt Wedge
4. Landfill
5. Fresh Water
6. Salt Water

Materials

Materials necessary: • iPad

- Dictionary
- internet (search engines)
- clear plastic tub with a divider; water; red and blue food color; sea salt

Procedures

1. Using your choice of resources, define each word, looking for multiple meanings. If a word has more than one meaning, be sure to include them both.
2. Once you have written down meanings, using an iPad, student should create a document using technology to create a project. Students may use: Pages, Keynote, PowerPoint, MicroSoft Word, Explain Everything, or Edu-creation.
3. Students will define each vocabulary and it's meaning or meanings. Each word will include: definition(s), sentence(s) using the word showcasing it's appropriate meaning, and a picture of the word or one

that shows the meaning of the word.

- definition • sentence • photo

Spin- Off Centers: Using Keynote answer each of the following on a separate slide.

1. Estuary- give examples of estuaries in the U.S.

Brackish- give examples of brackish water locations

2. Salt Wedge- Complete the Salt Wedge Science experiment

Landfill- Create a graphic organizer to show landfill definitions where you live, and along the shores of New York

Extra Credit: Fresh or Salt Water- what kind of water is located near you?
Give evidence to support your answer.