

Ancient Kingdoms of Egypt

Using Wordle Word Clouds to Analyze and Evaluate Ancient Kingdoms of Egypt

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Tech Project 1 - KSP689

I. Class Information

A. World History

This is a required high school history class for all sophomores.

B. Students

The students in this class are sophomores in high school.

There are 9 students who tested below proficiency in reading, 2 students tested exceeding proficiency in reading.

There are 4 students with IEPs for a learning disability.

There are 3 students who come from non-English speaking households.

II. Overview of Lesson Standards and Objectives

A. Standards

1. ISTE NETS-S

3.b, 3.d, 4.c

2. MN World History Standard

The student will demonstrate knowledge of the major characteristics of civilization and the process of its emergence.

B. Objectives

1. Academic

Students will summarize an Ancient Egyptian kingdom in writing.

Students will create a word cloud (Wordle) that displays key terminology, concepts, people, events, and dates about an Egyptian kingdom.

Students will locate Internet source information about an Ancient Egyptian kingdom.

Students will create a word cloud from the Internet source information they located.

Students will use their two word clouds to analyze, compare, and make connections between their summary and the information from their Internet

source.

Students will teach classmates about their kingdom.

Students will compare and contrast the four kingdoms of Ancient Egypt.

Students will reflect on the learning process and explain their new knowledge.

2. Language

Students will read written text.

Students will summarize in writing using complete sentences with context clues.

3. Technology

Students will use the Internet to locate content specific information.

Students will use Wordle.net to create word clouds.

III. Tech Instruction (30 minutes)

A. Word Clouds

Creating word clouds using Wordle.net

1. Introduce word clouds

Introduce word clouds and describe how to create them using wordle.net.

a. Define word cloud

b. Range in size of words has meaning

Explain to students why and how the words in Wordle word clouds range in size.

c. Word cloud tool - Wordle.net

2. Demonstrate how to use Wordle.net

a. Typing, Copy-Paste Text

Demonstrate how to copy-paste text from web site into Wordle form.

Emphasize to students that this is the best way to generate a Wordle that accurately reflects topic information.

b. Link to RSS Feed URL

Instruct students that some web sites do not have an RSS Feed and will not generate a Wordle.

Emphasize to students that this option may not generate a Wordle that accurately reflects desired outcome.

c. Del.icio.us user tags

Emphasize that this only creates a Wordle for the tags a delicious user has tagged their bookmarks with.

Define and explain what a keyword tag is and how it works.

d. Formatting

Color

Font

Layout

Omitting common terms, numbers (options in menu)

Removing terms manually (right-click on term in wordle to remove)

e. Publishing

(1) Public Gallery

(2) Print

Print to paper

Print as PDF

3. Create sample Wordle

a. Choose topic

Students will create a sample Wordle about a topic of their choice.

b. Identify main ideas and keywords

Students will brainstorm ideas and keywords about their topic and type them into the Wordle form.

c. Enter text

Students will choose the words they want to display larger and type them in multiple times.

d. Print

Students will print their Wordles and submit them to their instructor.

IV. Content Instruction

A. Whole Class Instruction

1. Introduce lesson (10 mins)

a. Lesson overview

Provide overview of standards, objectives, and expectations.

b. Introduce Ancient Egyptian kingdoms

Old Kingdom

Middle Kingdom

New Kingdom

Nubia

2. Assign kingdoms (5 mins)

Students will be assigned to focus on one of the four kingdoms.

List the four kingdoms on the board (SMART Board, whiteboard, etc.).

Students will randomly be selected to come to the board to choose and "sign-up" for a kingdom.

Each kingdom will be allotted a specific number of slots for students to sign-up to ensure each kingdom is represented as equally as possible.

Students may sign-up for any of the four kingdoms, so long as there are open slots.

Students may not sign-up for the kingdom that was signed-up for by the previous student at the board.

B. Individual Activities

1. Read about kingdom (5-10 mins)

Students will read the selection from their textbook about their assigned kingdom.

2. Summarize kingdom (10-15 mins)

In writing, students will summarize the key concepts, people, events, and dates about their assigned kingdom.

Summaries may be typed or hand-written.

a. Written summary

3. Create Wordle #1 (10 mins)

Students will create a Wordle about their assigned kingdom using the text from their written summary.

If students typed their summary they can copy-paste the text.

If students hand-wrote their summaries, they will type them into the Wordle form.

- a. **Generate Wordle**
- b. **Save Wordle to Public Gallery**
- c. **Print Wordle**

4. Internet Search (10 mins)

a. Locate web site

Students will use the Internet to locate a second source of information about their assigned kingdom.

5. Create Wordle #2 (10 mins)

Students will create a Wordle using text from the Internet source they located. Students will copy-paste into the Wordle form the text and information from the web site that they think best describes and summarizes their assigned kingdom.

- a. **Generate Wordle**
- b. **Save Wordle to Public Gallery**
- c. **Print Wordle**

C. Group Activities (30 mins)

1. Group work

Students will work in groups comprised of at least four people.

Groups will be organized so there is at least one member representing each kingdom.

a. Group sharing

Students will teach their group members about their assigned kingdom using information from the textbook and the web site they located.

Students will use the two Wordles they created as visual aides in their presentation to their group.

b. Venn diagramming

Students will create a 4 part Venn diagram that identifies the similarities and differences between the four kingdoms.

2. Create Wordle #3

As a group, students will create one Wordle that depicts the similarities they found between all four kingdoms.

Groups will use the information they recorded in their Venn diagram as their source of text for their Wordle.

- a. **Generate Wordle**
- b. **Save Wordle to Public Gallery**
- c. **Print Wordle**

D. Reflection (15 mins)

1. Written reflection

Students will individually reflect in writing about their learning.

V. Assessment

A. Wordles

Students created and printed one Wordle about a topic of their choice to demonstrate their ability to use Wordle.net to create a word cloud.

Students created and printed one Wordle for their written summary that accurately depicted their assigned kingdom.

Students created and printed one Wordle for an Internet source of information that accurately depicted their assigned kingdom.

Groups created and printed one Wordle that accurately depicted the similarities between all four Ancient Egyptian kingdoms.

B. Written summaries

Students summarized the textbook selection about their kingdom concisely and accurately in writing.

C. Written reflection

Students reflected on and explained in writing their new learning about the four kingdoms of Ancient Egypt.

VI. Materials

A. Computers

1. Internet

- a. **Wordle.net**
- b. **Search engine, such as Google**

B. Textbook

C. Paper & Writing tools