PROJECT OVERVIEW

Teachers: Victoria Williams

Name of Project: "Meet My Mammal"

Subject/Course: Science

Grade Level: 3

Other Subject Areas: Language Arts, Art

Duration: Five Days

Project Idea Summary of the issue, challenge, investigation, scenario, or problem:

Students will be taught how to classify mammals. Students then will be split up into groups of four. The teacher will assign each group a mammal. Students will research their mammal using iCurio. Students then will form a group presentation on their assigned mammal using Google slides. Groups will present their mammal to the class using their Google slide presentation. (All presentations will be embedded into the class blog.) After all presentations have been completed, students will be asked to paint their favorite mammal.

Driving Question

What makes your animal a mammal?

ACCRS to be taught and assessed

- Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur). [RI.3.7]

- Conduct short research projects that build knowledge about a topic. [W.3.7]
- Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories. [W.3.8]
- Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace. [SL.3.4]

Additional Standards to be taught and assessed

ACOS (Alabama course of Studies Standard) 8- Identify how organisms are classified in the Animalia and Plantae kingdoms.

21st Century Competencies to be Taught and Performed

Creativity and Innovation

Collaboration

Communication- Oral Presentation

Google Presentation

Presentation Audience: Class, Web (PUBLISHED ON CLASS BOG)

Formative Assessment: Journal/ Learning log, Checklist

Summative Assessment: Google Presentation with Rubric, Oral Presentation with Rubric

Resources Needed: iPad, laptop, or Macbook per group, Access to internet

Reflection Methods: Journal/learning log, Whole-class Discussion

Project Calendar

Start Date: __/__/__

End Date: __/__/__

Day One:

Students will discuss that animals are divided up into classes such as amphibians, reptiles, fish, and mammals. Students will discuss what classifies an animal as a mammal. Discuss mammals characteristic Traits. 11 mammal groups will then be placed on the board and students will be asked to name at least one animal for each mammal group. The 11 mammal groups consist of the following:

- Egg-laying (duck-billed platypus, spiny anteater)
- Flying (bat)
- Toothless (sloth, armadillo, anteater)
- Pouched (kangaroo, koala, possum, wallaby)
- Flesh-eating (dog, tiger, bear, wolf)
- Insect-eating (mole, shrew, hedgehog)
- Rodents (rat, mouse, squirrel, chipmunk, prairie dog, beaver)
- Hoofed (Ungulates) (cow, sheep, goat, pig, camel, giraffe, deer)
- Trunk-nosed (elephant)
- Marine (dolphin, whale)
- Primates (monkey, lemur, gorilla)

Estimated Time: One Hour

Day Two:

Students will be assigned into groups of four. Each group will be given an assigned mammal for their research project. (This will be determined by allowing one member from each group to draw a mammal from the jar.) Students will begin working to gather research on their assigned mammal using iCurio. Students will begin working on their Google presentation.

Estimated Time: One Hour

Day Three:

Each group will collaboratively finish creating their Google presentation.

Estimated Time: One Hour

Day four:

Each group will present their Google presentations in front of the class. Students will be told to think about and choose what their favorite mammal is. (Students will be informed that they will get to paint their favorite mammal tomorrow)

Estimated Time: 90 minutes

Day Five:

Individually students will paint their favorite mammal. This will be displayed in the classroom. Students must identify the name of their mammal on their painting. Students will also identify which of the 11 mammal groups does their mammal belong.

Estimated Time: One Hour