Student Teacher Candidate: Sarah Padula

Lesson Subject(s)/Title: Grade 4 Ecosystems

Lesson Date(s):

Course & Grade(s):

**INSTRUCTIONAL MATERIALS:**

* Ecosystem PowerPoint-  (Double click on the word Ecosystems to open slides)
  + Quick overview of each ecosystem making sure to not give away too much information
  + Just enough information to get the students hooked and interested
* Laptops
* Blogger-Google Docs

**ESSENTIAL QUESTIONS/ SUBSIDIARY QUESTIONS:**

Each week the students will focus on a different question based off their ecosystem

* Group 1- Tropical Rainforest
* Group 2- Desert
* Group 3- Tundra
* Group 4- Ocean
  + Tuesday-Location around the world/what is your ecosystem/characteristics
  + Wednesday-Pick 2-3 animals and describe their lifecycle
  + Thursday-How has your ecosystem changed/adapted in the past 5 years
  + Friday- What are ways we can preserve these ecosystems

**PURPOSE:**

* The purpose of this lesson is for the students to have a deeper understanding of the life of plants and animals in each ecosystem

**SPECIFIC LEARNING OBJECTIVES: (clear, observable)**

* This lesson is for the students to understand the different types of ecosystems. It is for them to recognize the plants and animals associated with each ecosystem.

**STANDARDS:**

Subject Area: Ecosystem

* 3.1.4.A1- Classify plants and animals according to the physical characteristics that they share.
* 3.1.4.A3- Identify differences in the life cycle of plants and animals
* 4.1.4.A- Explain how living things are dependent upon other living and nonliving things for survival
  + Explain what happens to an organism when its food supply, access to water, shelter or space is changed
* 4.1.4.E- Explain that ecosystems change over time due to natural and/or human influences

**DIFFERENTIATION STRATEGIES:**

* Each group will use the group members strengths for their blogs
  + Writing
  + Editing
  + Pictures
  + Research

**ANTICIPATORY SET:**

* Ecosystem power point

**INPUT/ ACQUIRE NEW KNOWLEDGE:**

**and/or**

**APPLY/ DEEPEN NEW KNOWLEDGE:**

* The students will be working in groups to create a blog on their ecosystem

**CLOSURE/ASSESSMENT:**

* Each group will pull up their blog on the board
* Giving a summary of the answer to the question from the previous day

**HOMEWORK: (Purpose- Preparation, Practice, Expansion)**

* Research their question of the day
* Finish the blog for that day if they did not get it done in class

**EVALUATION/ASSESSMENT OF STUDENTS:**

* Looking over the blog each week
  + Looking for grammar
  + Accurate information
  + Neatness
  + If they answered the question

**INSTRUCTIONAL PROCEDURES:**

**Time:**

|  |  |
| --- | --- |
| The teacher will:   1. Overview of the lesson 2. Read through the power point stopping on each slide to ask the questions on each slide 3. Ask the students if they have questions 4. Write each ecosystem on the board 5. Going around the classroom have each student put their names under each ecosystem they want to work on 6. Have groups get together and open Blogger 7. Give them the question for the day to make a blog about 8. Walk around the room if students need help 9. Each day open the blogs for the class to see- comment for the class too see (tell the class they can comment on each other’s, but they must be appropriate. If one person does not follow this the class cannot comment) | The students will:   1. Listen 2. Answer the question the teacher has 3. Pick what ecosystem they want 4. Get in groups to make their blog 5. Assign group members jobs 6. Make blog 7. Present to class |