Science Project

Ecosystem

How do organisms interact with the nonliving things in their environment?

The community of living & non-living organisms and even the environment around that community is termed as an **ecosystem**.

What do you need?

- Information about the assigned ecosystem.
- Trifold (please purchase the ones in the dollar store)
- coloring materials

What to do?

- Research the following information:
    - name and description of the ecosystem (include its characteristics)
    - type weather / climate
    - location of the ecosystem (countries)
    - plants and animals (5 or more pictures)
        - name
        - what kind (if animals - identify the type of food they eat; give examples)
    - Explain why each organism is important to this ecosystem.
    - Explain why the ecosystem is important for earth.
    - Arrange the photos and descriptions in a food web form.
- This project can be handwritten or typewritten.

Project-Based Learning

ECOSYSTEM

Rubric for the a Project-Based Learning Challenge

Points Awarded	Expert (4)	Competent (3)	Beginner (2)	Novice (1)
Presentation	Presentation was between three and five minutes long and was scripted or rehearsed. It was well planned and had a beginning, middle, and end. Information is presented with knowledge.	Presentation was between three and five minutes long and was well-planned. Information is presented with acceptable knowledge.	Presentation was slightly less than three minutes or slightly more than five minutes long. Information is presented with limited knowledge.	Presentation was much shorter than three minutes and was disorganized. Information is unclear or lacking.
Information / Content Accuracy	All information needed is included in the project. Topic or concept mastery is demonstrated through the end result project.	Most information needed is included in the project. Topic or concept understanding is demonstrated through the end result project.	Some information needed is included in the project. Basic understanding of topic or concept material is met through the end result.	End result project demonstrates a lack of understanding of the topic or concept.
Organization	All materials are neat and information is easy to understand.	Most materials are neat and most information is easy to understand.	Some materials are neat and some information is easy to understand.	Materials are not neat and are difficult to understand.
Punctuality	Submitted on/before the due date.	Submitted one day after the due date.	Submitted two days after the due date.	Submitted three or more days after the due date.

Assigned Ecosystem

Project is due on January 19, 2024

Grassland Ecosystem

- Alexis Chavarria
- Samantha Jumaoas
- Elizabeth Gomez

Tundra Ecosystem

- Youssef Samaan
- Kingston Cofield
- Braydon Weldon
- Diego Ng

Marine Ecosystem

- Layla Lugo
- Emily Dorado
- Gabrielle Waje
- Chizaram Okoro

Mountain Ecosystem

- Zoey Avila
- Madison Lakey
- Julianna Kabiling

Forest Ecosystem (Evergreen)

- Saray Nunez

Desert Ecosystem

- Henry Marin
- Jayden Barimah
- Abraham Cisneros

Freshwater Ecosystem (Rivers)

- Vivian Bustos
- Anaiyah Zamora
- Marieanne Delgado

- Eva Thomas

Rainforest Ecosystem

- Olivia Patel
- Jill Tapel
- Chimmuanya Okoro

Pond Ecosystem

- Sebastian Carranza
- Adrian Silva
- Antonio Rimada
- Ryland Alvarez