

Interdisciplinary Lesson Plan

Assignment 4: Create an Interdisciplinary Plan

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Grade: 3

Unit Topic: Characteristics of Organisms

Approximate Time Required: 6 weeks

1. Main Purpose of the Unit

The purpose of this unit is to acquaint the students with structure and function of organisms, life cycles, and organisms and their environments.

2. Performance Objectives

The student will be able to:

- A. Science- Label the parts of an organism that have specific functions.
- B. Science- Compare and contrast the life cycles of plants and animals.
- C. Science- Identify and describe the needs of living things.
- D. Science/Technology- Create an online quiz that contains animal life cycle questions.
- E. Science/ Technology- Create an online game that contains plant life cycle questions and answers.
- F. Language Arts- Write a journal entry to describe the life cycles of plants and animals.
- G. Math- Identify and count how many parts in an organism that have a specific function.
- H. Art- Create a habitat that contains all the needs of living things.

3. Content Outline

- A. Structure and Function
 - i. Functions of an organism
 - ii. Parts of an organism

iii. Functions of the parts in organisms

B. Life Cycles

i. Living organisms

ii. Plant life cycle

iii. Animal life cycle

C. Organisms and their environments

i. Living Organisms

ii. Abiotic needs

iii. Biotic needs

4. Procedures and Activities

A. Read aloud

B. Small group reading

C. Independent reading

D. Labeling

E. Cutting and Pasting

F. Journal entries

G. Discussion

H. Creating online resources

H. Counting

H. Creating models and visuals

5. Instructional Aids and Resources

A. Literature Sections

i. Chicken Life Cycle

- ii. From Seed to Plant
- iii. Are Trees Alive?
- iv. Living Things: Needs and Characteristics
- v. You can't Taste a Pickle with your Ear
- vi. Animal Habitats

B. Videos

- i. Basic needs of Animals
- ii. Living and Nonliving Things
- iii. 4 in 1 Life Cycle
- iv. Life Cycle Video for Kids

C. Items indicative of the unit

- i. Butterfly Nursery
- ii. Bean Plants
- iii. Human skeleton
- iv. Deer habitat

6. Assessment/Evaluation

Develop a rubric to grade these.

Essay- Write and include all the parts of an organism that have a specific function and list what they do.

Test- Students will create a multiple choice, fill in the blank, and labeling test. Then take the test individually.

Project- Create an ecosystem that includes all the abiotic and biotic factors needed for the animals to survive.

