LESSON PLAN 5th and 6th grade

PITCHER PLANTS | STRING PAINTING

Mississippi state standards served:

**ART**

5th: VA:Cr1.2.5 a. Identify and demonstrate diverse methods of artistic investigation to choose an approach for beginning a work of art.

VA:Cr2.1.5 a. Experiment and develop skills in multiple art-making techniques and approaches through practice.

VA:Cr3.1.5 a. Create artist statements using art vocabulary to describe personal choices in art-making. *TSW write about their artwork using vocabulary from the Elements of Art and Principles of Design.*

6th: VA:Cr2.1.6 a. Demonstrate openness in trying new ideas, materials, methods, and approaches in making works of art and design.

VA: Cr3.1.6 a. Reflect on whether personal artwork conveys the intended meaning and revise accordingly.

**SCIENCE**

5th: L.5.3B Students will demonstrate an understanding of a healthy ecosystem with a stable web of life and the roles of living things within a food chain and/or food web, including producers, primary and secondary consumers, and decomposers.

- L.5.3B.1 Obtain and evaluate scientific information regarding the characteristics of different ecosystems and the organisms they support (e.g., salt and fresh water, deserts, grasslands, forests, rain forests, or polar tundra lands).
- L.5.3B.2 Develop and use a food chain model to classify organisms as producers, consumers, or decomposers. Trace the energy flow to explain how each group of organisms obtains energy. *What classification will insects and pitcher plants have?*

6th: L.6.3 Understanding of the relationships among survival, environmental changes, and diversity as they relate to the interactions of organisms, populations, and the environment.

- L.6.3.2 Develop and use models to describe the levels of organization within ecosystems (species, populations, communities, ecosystems, and biomes).
- L.6.3.4 Investigate organism interactions in a competitive or mutually beneficial relationship (predation, competition, cooperation, or symbiotic relationships).

**Learning Objectives**

After this lesson, students will be able to:

- Discuss the evolution of carnivorous plants.
- Demonstrate how to make a plant painting with pulled string technique.

**Video on Pitcher Plants:**

The show Planet Earth shows some pitcher plants and their relationships with other insects and arachnids

[https://www.ourmshome.com/getting-out-and-about-in-nature-in-search-of-carnivorous-plants/?fbclid=IwAR2QAXStM0AacIyopc1eEHCBW4r4417uXOtHIYTL8GtZlpinayatM6NO3Wo](https://www.ourmshome.com/getting-out-and-about-in-nature-in-search-of-carnivorous-plants/?fbclid=IwAR2QAXStM0AacIyopc1eEHCBW4r4417uXOtHIYTL8GtZlpinayatM6NO3Wo)

**Plant Painting with String**

[https://www.youtube.com/watch?v=UcBV0B3TwdE](https://www.youtube.com/watch?v=UcBV0B3TwdE)