

# WALTER ANDERSON MUSEUM *of* ART

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## 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>

#### **Plant Painting with String**

<https://www.youtube.com/watch?v=UcBV0B3TwdE>