

Kinder Arts Integration - Plants/Insects

Description: Kindergarten students will explore plants of the Voigt garden through a scavenger hunt that tests their ability to identify a variety of them. They will participate in this activity in role as the insects that they have also been studying in class over the past week(s).

Subject Matter: plant identification, insect interactions, insects as helpers, in-role exploration, dramatic play, scavenger hunt, research and observation in natural environments

Materials Needed: 1 PER PAIR - ipads, Scavenger Hunt Checklist, dry erase paper pockets, dry erase markers

Objectives: By the end of this lesson, students will be able to...

- Identify parts of a plant and insects, and discuss their relationship to one another in nature
- Identify and Locate different plants in the school garden
- Work with a partner to achieve a common goal (finding plants)

Essential Question: What are parts of a plant? How are insects helpers to these plants?

TEKS: *Students are expected to...*

SCIENCE

K.2.A ask questions about organisms, objects, and events observed in the natural world

K.2.E communicate observations with others about simple descriptive investigations

THEATER ARTS

K.1.B explore space, using expressive movement

K.1.D imitate and recreate objects in dramatic play

K.2.B assume roles through imitation and recreation

K.3.D cooperate with others in dramatic play

Lesson

Activities and Timeframe:

Review knowledge on Plants/Insects (5 mins)

Review previously learned knowledge on plants and insects as learned in class over the past 2 weeks.

Can anyone raise their hand and tell me one part of this? (hold image of plant) Discuss parts -

Roots/Los Raices

Stem/La Tallo
Leaf/La Hoja
Petals/Los Petales
Seeds/Las Semillas

Plants have helpers. Do you know who they are? I'll give you a hint, these are one of them (hold image of butterfly)

What is this called? (butterfly, but also an "insect")

What is another insect you have talked about recently?

You are all going to become these helpers today!

Transition

Can anyone show me how a butterfly might move? A caterpillar? A praying mantis? Walk around like your insect!

Back-to-Back (5 mins)

Students play back-to-back with classmates. Turn around and tell them one thing you know about plants. What is a part of the plant you remember?

When you turn around to your partner, tell them one thing about yourself (as all students were walking around as a certain insect)--the Insect. Each round, ask a question:

What do you look like?

What do you eat?

How do you help plants?

What are some of your favorite plants?

Transition (5-7 mins)

STAY WITH YOUR MOST RECENT PARTNER. Explain that we will now go outside to the garden--where insects should be--to find plants to help. Each pair will get an ipad. Choose one person to hold the ipad as they walk downstairs (when we return, the other partner will carry the ipad) --model how to hold the ipad close to your body.

Plant Scavenger Hunt! (10 mins)

Instruct each pair to go on a scavenger hunt for plants! EACH PAIR WILL GET A PAPER WITH VERY SIMPLE SCAVENGER HUNT INSTRUCTIONS. Instructor will explain each item to find. They will take pictures of certain assigned plants.

Example: *Find a plant with...*

White Petals

Green Stem

Red Stem

Large Yellow Flowers

An insect on it!

Purple leaves

Closing (5 mins):

Once they have returned, check on students success to find and take pictures of the assigned plants.

What did you do today?

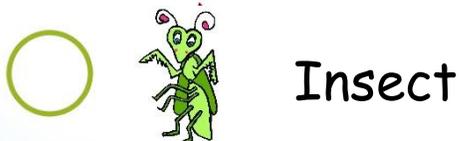
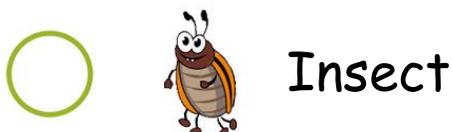
Did you work with your other insect friend the whole time? What were ways you worked together to find your plant?

Did you find any roots? Why not? (they are underground!)

Popcorn ask if they can point to different parts of the plants on the pictures they took!

Return to classroom -- allow other partner to carry the ipad back to the classroom in the line.

NATURE SCAVENGER HUNT



NATURE SCAVENGER HUNT



Grande Flor
Amarillo



Insecto



Hoja Morado



Semillas



Tallo Rojo



Tallo Verde



Insecto



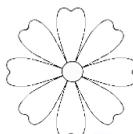
Hoja Amarillo



Insecto



Insecto



Pétalos Blanco



Hoja Verde



Insecto



Tallo Amarillo



Fresa Roja



Pequeña Flor
Amarillo