

Create A Plant

A lesson from the New Jersey Agricultural Society Learning Through Gardening Program

Overview: In this lesson, students put their knowledge of plants to the test by creating an imaginary plant, considering its habitat, what it needs to survive, and how those needs are met. Older students can be specific about the nutrients their plant needs. Art is integrated into this project as students illustrate their plant in its natural habitat.

Grades: 2-5

Objective: The student will be able to:

- Demonstrate his/her knowledge of plant's basic needs by choosing a habitat for an imaginary plant and describing how the plant gets the things it needs to survive.

Materials

Create A Plant worksheet

paper

crayons or other materials for plant illustration

Optional: books describing various plant habitats



Procedure:

Begin a discussion with students of the different habitats they know where plants live. Make a list on the board. Discuss the things a plant needs for survival and make another list on the board. Tell students that now that they understand the basic needs of plants, they will create their own plant in a habitat of their choice, either real or imagined. In this project, the students must:

Name their plant

Describe the plant's habitat

Describe the plant's basic needs and how these needs are met in its habitat

Create a sketch of the plant, labeling its parts and describing what each part does

Create a colored illustration of the plant in its natural habitat

Evaluation:

Finished Create A Plant Fact Sheet and illustration of imaginary plant

Name _____

Create-A-Plant Fact Sheet

What is the name of your plant?

Describe your plant's habitat.

Describe the things your plant needs to survive.

Explain how your plant gets the things it needs to survive.

On a separate paper, make a drawing of your plant. Label each of the plant's parts and explain what each part does for the plant.