

Kindergarten:

What do plants need to grow? Students will plant a seed or transplant a seedling and discuss what plants need to grow, and why humans need plants.

Grade 1:

Flower to Seed. The Plantmobile will bring flowers and seeds to dissect and discover the parts of plants. Students will learn the different parts of a plant and the parts of a flower. They will discover the functions of different plant parts, and how people use different parts.

Grade 2:

Habitats and Ecosystems. What makes a forest different from a desert? What are the different between plants that grow there? Students will learn about adaptations that plants have developed across different ecosystems. They will learn how the abundance or lack of light, soil and water affects a plants growth.

Grade 3:

Life Cycles in the Garden. Plants grow from seeds, produce flowers, fruit and more seeds. The insects that make fruit possible go through metamorphosis. Using skills of observation, students will discover different life cycles that make plants, flowers and fruit possible.

Grade 4:

Secrets in the Garden. This program showcases beneficial organisms which help maintain a balance in a healthy ecosystem. Learn about types of relationships in an ecosystem and special plant adaptations that attract helpful critters.

Grade 5:

Photosynthesis. Students will discover what goes on in a leaf, and how that process serves all food webs. Students will examine a variety of leaves, learn their function and their basic terms, as well as identification of several trees through leaf identification.