



HONEYWELL

ARTS IN EDUCATION

Discover: Plants

August-September; April-May

Grades 2-4 (approximately 90 minutes, depending on number of students)

What will my students do?

- Look, draw, and label parts of plants
- Explain the functions of the different parts of a plant
- Stroll through Charley Creek Gardens and play the pollination game
- Examine the internal and external structures of a plant
- Identify and sort plant parts

What will my students learn?

- Each of the plant parts have a specific name
- Each part of the plant has a unique job (s)
- The jobs within a plant system can be compared to the jobs within our human body system
- Plants and animals have external features and adaptations that help them survive in different environments
- Science is fun!

Standards:

- 2.LS.2 Compare and contrast details of body plans and structures within the life cycles of plants and animals.
- 3.LS.2 Plan and conduct an investigation to determine the basic needs of plants to grow, develop, and reproduce.
- 4.LS.3 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction in different ecosystems.
- 2.RV.1: Use words, phrases, and strategies acquired through conversations, reading and being read to, and responding to literature and nonfiction texts to build and apply vocabulary.
- 3.RV.1: Build and use accurately conversational, general academic, and content specific words and phrases.
- 4.RV.1: Build and use accurately general academic and content specific words and phrases
- 2.SL.2.1 Participate in collaborative conversations about grade-appropriate topics and texts with peers and adults in small and larger groups.
- 3.SL.2.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) on grade-appropriate topics and texts, building on others' ideas and expressing personal ideas clearly.
- 4.SL.2.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) on grade-appropriate topics and texts, building on others' ideas and expressing personal ideas clearly.