Registration Information

- Usually offered April - October, rain or shine
- Dress for the weather
- Plants 101 runs 1.5 hours
- Math at the Gardens runs 2 hours
- Limited to 60 students per session; larger school groups may schedule alternating sessions
- $2.50 per child; no charge for teachers or chaperones; a six to one ratio is suggested
- Schedule at least two weeks in advance
- Payment due two weeks in advance; make checks payable to: Gardens of the Fox Cities; MasterCard and Visa accepted
- Receive an email confirmation and pre-experience handout upon registration
- Contact Hannah Schraufnagel, education coordinator, at 920-750-5462 to schedule your out-of-classroom learning experience

Students will be divided into two rotating groups

1. Tour of the Gardens
2. Learning Stations

Each rotation will run approximately 40 minutes (Plants 101) or 55 minutes (Math at the Gardens).

Appleton Memorial Park's Universal Playground

We encourage school groups to spend extra time at Gardens of the Fox Cities and enjoy this great community resource. Our grounds are wonderful for a picnic before or after your outdoor learning experience. We are within walking distance to the park.

About Gardens of the Fox Cities

We are a 38 acre public garden with a mission "to promote an appreciation and understanding of plants and gardens in an enriching, inspiring environment."

Funding for the Gardens comes from private and corporate donations, grants, special events and programs, no tax dollars.

PLANTS 101
Grades K-3 &
MATH AT THE GARDENS
Grades 4-6
Out-of-Classroom Learning Experiences

Gardens OF THE FOX CITIES

1313 E. Witzke Blvd.
Appleton, WI 54911
920-993-1900
info@gardensfoxcities.org
www.gardensfoxcities.org

PLANTS 101

Grades K-3

This engaging educational experience will include a tour of Gardens of the Fox Cities and rotation through hands-on learning stations. Throughout, students will learn and review the structure, function, needs, and importance of plants, and plant life cycle including pollination.

Learning Stations

Parts of the Plant

Become a part of the plant! Students may participate as performers to act out the important roles of different plant parts. Each part of the plant works to contribute to the strength and survival of the plant as a whole.

I liked that the kids got to move and be active with the plant parts.

St. Gabriel Elementary - Neenah

What a Plant Needs to Grow

Plants require good environmental conditions to grow strong and healthy. We will learn five important things all plants need to survive. To review, we will play "Seed Needs Mix-up" and try our luck at finding all the right conditions for our seeds to grow.

Our Friendly Pollinators

Take home a handmade newspaper pot. We will plant seeds and prepare to practice good gardening care at home or school. We plant herb seeds in the fall or flower seeds in the spring. Learn about a pollinator that is attracted to your new plant.

We loved the new changes that were made to the Plants 101 experience. We'll be back again next year.

Houdini Elementary School, Appleton

MATH AT THE GARDENS

Grades 4-6

Fourth through sixth grade students will examine how gardeners, farmers, and naturalists use math on a regular basis. They will practice math skills and review the importance of plants by participating in real-world activities. Your visit will include two hands-on lessons and a phenology tour of Gardens of the Fox Cities. Hands-on lessons are: **Roots & Shoots and Value of Vegetables**. Students will work together on hands-on activities in small groups and discuss findings as a large group. During the outdoor phenology tour, students will act as citizen scientists and contribute their phenological observations to our phenolog.

Roots & Shoots

We will review root function and identify vegetable roots and shoots. Within the theme of garden planning, we will practice the following math skills: space seeds in a square-foot garden, measure root and shoot of each vegetable, record data, create ratios and convert to percentages. We will answer the following questions: How much of each plant is edible? How can we estimate the garden harvest by observing the shoot?

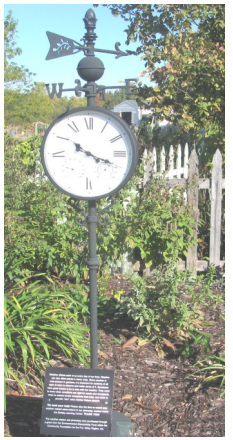
Value of Vegetables

Using real vegetables and kitchen scales, we will discuss the importance of the weight of the garden harvest. Math skills include: estimate the weight of each grocery store vegetable, make predictions, weigh each vegetable on kitchen scale, read scale, record data, covert ounces to pounds, and compare vegetable prices.

You did a great job of energetically and enthusiastically sharing your love of plants and their relationship to math.

Clayton Elementary School, Neenah

Phenology Tour



Outside, we will make ecological connections as we prepare for a phenological hike around the Gardens. Read a weather station and WI climate maps. Learn about phenology, how to make observations, and how to record data in our phenolog. Be prepared to practice good listening and observational skills. Answer the question: How do farmers, gardeners, and naturalists use phenological data?

This was their favorite section. They enjoyed the walk outside.

Kaleidoscope Academy, Appleton