



Lewis Ginter Botanical Garden

**Children's Garden**

## **Discovery Programs School Year 2009/2010**

Embark on a learning adventure in the Children's Garden with one of our group education programs. These investigative, hands-on programs bring plant science to life and reinforce SOL concepts and vocabulary. Class size is limited to 25 students. Programs are available at 9:00, 10:15 and 11:30 Monday-Friday.

### **Garden Explorers** | KINDERGARTEN

The sights, sounds, scents, textures and tastes of the garden come alive in this sensory exploration of the Children's Garden. Each child also participates in hands-on gardening activities. (Meets State Science SOL objective K.2)

### **Small Sprouts to Garden Giants** | 1ST GRADE

Starting with an investigation of seeds and ending with a study of full-grown giants of the plant world, students gain knowledge about the life process of plants. Each child also participates in hands-on gardening activities. (Meets State Science SOL objectives 1.4 and 1.5)

### **Plants, What Good Are They?** | 2nd GRADE

Our interdependence with plants is emphasized as students learn more about how plants make oxygen, and how we use plants for food, medicine and clothing. Each child also participates in hands-on gardening activities. (Meets State Science SOL objectives 2.4 and 2.8)

### **Mother Nature's Garden** | 3rd GRADE

Students discover habitat and species diversity as they investigate various plant communities including a wetland, a pond, and a forest. Students put the scientific method into practice by making observations, measuring and collecting data and forming hypotheses. (Meets State Science SOL objective 3.6)

### **Young Gardeners** | 3rd GRADE

There are many tasks required to start a garden and keep it growing and healthy. Beginning with the right soil and seeds and ending with compost, students participate in the cycle necessary to start, grow, and maintain a garden. (Meets State Science SOL objectives 3.1, 3.2, 3.3, 3.7, and 3.10)

### **Inside a Blossom** | 4th GRADE

Students discover the function of individual floral parts as they dissect a blossom, examine the pistil and stamen, and touch the sticky stigma. Each child participates in the hands-on gardening work of the day. (Meets State Science SOL objective 4.4)

### **Tree Traits** | Kindergarten - 5th GRADE

Through the careful study of the characteristic shape, color and texture of leaves, bark, and seed pods, students learn basic skills for identifying trees. This program is adapted to each grade level. (Meets State Science SOL objectives K.8, K.9, 1.7, 2.7, 3.8, 4.4, and 5.5)

### **Seasons & Cycles of the Powhatan Indians** | 2nd, 3rd, and 4th GRADES

Students investigate the calendar of the Powhatan Indians and learn how they adapted their diet to seasonal changes. Each group gathers food from the trail, uses natural fibers to make rope, weaves a mat, or plays a traditional game. (Meets State History & Social Science SOL objectives VS.2 and VS.3, Science SOL objectives 1.7, 2.7, 3.8, 3.1, and 4.7)

### **Plants on Your Plate** | 3rd, 4th, and 5th GRADES

Students discuss how plant energy converts to human energy and nutrition while learning how long it takes food to grow in a garden. Students explore seasonal effects on food plants and harvest roots, stems, leaves, flowers, fruits and seeds for further plant observations. (Meets State Health SOL objectives 3.1, 3.5, 4.1, 5.2)

### **Fees and Payment**

- \$7 per student.
- The minimum group and no show fee is \$70.
- One adult is admitted free with every five children in attendance. This number includes the teacher.
- Your school will be charged regular garden admission (\$10 per person) for each additional adult. Additional adults will be asked to enjoy the Garden on their own during your scheduled program time.
- Payment is not accepted the day of your visit; an invoice will be sent to your school reflecting the actual attendance on the day of your program.
- If your school receives federal funds, the Garden may have local grants to underwrite your students' fees. Please inquire when you register for your program.

### **Registration Procedures**

- Select your desired program and time.
- Plan for a maximum of two and one half hours for your visit.
- Determine the approximate number of students and adults.
- Use your school calendar to identify possible dates for your visit.

- Call the registrar at 804.262.9887 ext. 322 to check class availability.
- A registration letter will be emailed or mailed to you requesting additional information before your program can be confirmed.

### **Rescheduling and Cancellations**

- All programs are held rain or shine.
- Rescheduling due to inclement weather is not guaranteed.
- For scheduling changes, call the registrar at 804.262.9887 ext. 322.