

Discover the Arboretum at Tanglewood Park



Science Program for Third Graders

Sponsored by:



- NC Cooperative Extension Forsyth County Center
- Forsyth County Master Gardeners
- Forsyth County 4-H



DISCOVER THE ARBORETUM AT TANGLEWOOD

The Arboretum is an educational partnership for the purpose of providing a quality center for landscape gardening, environmental stewardship, and community interface in the Piedmont Triad region. We strive to offer hands-on gardening experiences for elementary age youth to encourage life-long learning about our environment.

Management is provided by the NC Cooperative Extension Service and the Arboretum is maintained by Master Gardener Volunteers. **Providing youth educational programs is an important part of the Gardens and we invite your third graders to participate.**



Forsyth County Center
1450 Fairchild Rd
Winston-Salem NC 27105

Phone # 336-703-2850
Fax # 336-767-3557
Websites www.forsyth.cc/CES
www.tanglewoodgardens.org

Third Grade Science Program, Spring 2012

Students will rotate through three sessions or more, depending on your group size, that will last thirty minutes each - worms and compost, greenhouse plant parts and soils. Allow at least two hours for the experience. Programs normally begin at 9:30 a.m. The sessions are designed to comply with objectives of the Forsyth County Science Essential Standards.

Ecosystems (3.L.2)

	Essential Standard	Clarifying Objectives	
3.L.2	Understand how plants survive in their environments.	3.L.2.1	Remember the function of the following structures as it relates to the survival of plants in their environments: <ul style="list-style-type: none"> • Roots – absorb nutrients • Stems – provide support • Leaves – synthesize food • Flowers – attract pollinators and produce seeds for reproduction
		3.L.2.2	Explain how environmental conditions determine how well plants survive and grow.
		3.L.2.3	Summarize the distinct stages of the life cycle of seed plants.
		3.L.2.4	Explain how the basic properties (texture and capacity to hold water) and components (sand, clay and humus) of soil determine the ability of soil to support the growth and survival of many plants.

To register, **FAX** the registration form below to Craig Mauney, Arboretum Director, at the NC Cooperative Extension Service at 767-3557 or mail the registration form to NC Cooperative Extension Service, 1450 Fairchild Road, Winston-Salem, NC 27105. You will be contacted by Connie Little, Master Gardener, Youth Education Coordinator to confirm the details of your trip.

For more information, call Craig Mauney at 703-2850.

Registration forms may also be downloaded from our website www.tanglewoodgardens.org

Join us for an environmental adventure!

If any person requires assistive devices or services in order to participate, please contact Craig Mauney at 703-2850 to discuss accommodations at least 14 days prior to the activity.

Program Registration Form

Fax to 767-3557

School _____ Telephone # _____

Mailing address _____

City _____ Zip _____

Teacher (contact person) _____ Phone _____

E-mail address _____ Cell or emerg. # _____

March 20th - May 10th, 2012

Date(s) REQUESTED for program: Tues. or Thurs. (9:30-11: 30 a.m.)

1st choice _____

2nd choice _____

Other dates considered by special request

Special needs _____

No. of classes _____

Total no. students _____