

# Register a Class for the SEED Program

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For more information  
on curriculum correlations  
and scheduling  
the SEED program,  
please call the  
Nation Ford Land Trust  
office at  
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website at:

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# Planting a SEED in York County

(Sharing Environmental  
Education and Discovery)



Sponsored by  
Nation Ford Land Trust

# Mission Statement of the Nation Ford Land Trust

Founded in 1989, the Nation Ford Land Trust's (NFLT) mission is to preserve open spaces, natural beauty, and the scenic heritage of the York County, South Carolina area through the acquisition of interest in properties of significant conservation value, and to operate exclusively for charitable and educational purposes. The NFLT has worked cooperatively with local and regional partners to protect over 9,200 acres of land in York County.

Education of the public is fundamental in supporting NFLT's mission. Increasing public awareness to the necessity, benefits, and impact of open space preservation can reduce the rate of land conversion in the county and increase the number of protected areas of significant conservation, scenic, and historical value.



# The SEED Program

The Nation Ford Land Trust has developed a county-wide environmental education program for elementary and middle school students called Sharing Environmental Education and Discovery (SEED). SEED will provide teachers with an environmental based curriculum which meets requirements in South Carolina's State Scientific Standards for grades kindergarten through eighth grade, and which can be brought to their classrooms and school campuses. These science requirements emphasize organisms and their habitats, terrestrial and aquatic ecosystems, and the processes and responses of plants and animals. All of these topics can be linked to the natural communities surrounding students' homes and schools. Helping them make this connection at a young age will be reflected in the decisions they make as individuals and communities in the future.



# SEED Topics by Grade Level

- ★ Kindergarten: the uniqueness of different types of organisms (plant and animal) and that all organisms must have their basic needs provided to survive
- ★ First grade: plants native to the region (basic needs, primary structures and unique characteristics, basic life cycle, and how different types of environments support different plants)
- ★ Second grade: animals native to the region (basic needs, classifications of animals, basic life cycle, and how different types of environments support different animals)
- ★ Third and fourth grades: plant and animal habitats found in York County, the relationship between organisms and their environments, and how land conversion can threaten these natural balances
- ★ Sixth grade: examine the structures, processes, and responses of plants and animals, the characteristics of different types of plants, and the effect of environmental factors on animal behavior
- ★ Seventh grade: renewable and nonrenewable resources, energy flow through an ecosystem, population ecology and the importance of conservation
- ★ Eighth grade: biological adaptations of populations that enhance their survival in a particular environment, and the factors, both natural and man-made, that can contribute to the extinction of a species