

GEORGIA FORESTRY
COMMISSION



Making the Shade Program Application



Making The Shade Planting Trees for Health and Shade

Sponsored by the Georgia Forestry Commission & Milliken & Company

GEORGIA FORESTRY
COMMISSION



Making the Shade Program

Administered by the
Georgia Forestry Commission

Introduction

Making the Shade, a Georgia Forestry Commission (GFC) program in cooperation with the U.S. Forest Service, is designed to create healthier, shaded playground areas on elementary school campuses throughout Georgia. The GFC created *Making the Shade* to address children's health issues that can be improved through the proper placement and planting of large-growing shade trees. In addition, such trees also provide multiple environmental, social and economic benefits while creating a better learning environment.



Playgrounds that are fully exposed to the sun are common in schoolyards across Georgia. Such playgrounds can become unhealthy places for children to play. Elevated surface temperatures on playground equipment can cause severe and painful burns. On some equipment, surface temperatures can easily reach anywhere from 120-140°F, which can burn a child's skin in only three seconds.

In addition, only 15 minutes are needed for some children to become overexposed to the sun's ultraviolet radiation. The cumulative effects of this overexposure can lead to skin damage and ultimately to some forms of skin cancer.

Another issue is ground level ozone which is at its peak around midday when children are often outside for recess. Ozone is a major cause of poor air quality especially during periods of elevated temperatures. Since children inhale more pollution per pound of body weight than adults, and since lung-related problems such as asthma are often triggered by poor air quality, re-establishing shade on playgrounds can help reduce respiratory-related illnesses.

The Program Objectives of *Making the Shade* are:

- A reduction in surface temperatures of school yards and playground equipment
- A reduction in children's skin damage
- A reduction in respiratory problems caused by elevated temperatures
- A reduction in air temperatures around playgrounds
- An increase in green learning environments and incorporation of the environmental benefits of trees into school curriculum
- An increase in energy conservation through shading of air conditioning equipment and school buildings

Program Overview

Eligible Recipients

Educational institutions, parent-teacher organizations, community tree volunteer groups and neighborhood associations (501c-3) are eligible for funding. **A working relationship with a local GFC Forester must be established prior to application and be maintained during all project phases.** Partnerships with school officials, the parent-teacher organization, local tree board/ nonprofit, a volunteer landscape architect, a local nursery and/or a corporate sponsor are strongly encouraged. Applicants must, at the time of grant award, be able to demonstrate that it can contribute the required cash and/or in-kind match.

Available Funds

Making the Shade Grant Program funds, which are provided through the Urban and Community Forestry grant program, will be awarded on a competitive basis. **The maximum amount of the award is \$10,000.** Funding is for projects or activities not otherwise currently funded and cannot be used to substitute for existing funds. **Funding is not available for entertainment, food and beverages, computers, or purchase of equipment.** The Georgia Forestry Commission reserves the right to reject any and all proposals or to approve partial funding for any and all proposals.

Funding is for the purchase of trees; staking, mulch, and watering aids (if needed); and tree installation costs (if needed) only. Mulch should be organic, non-dyed material. Permanent, underground watering installations are not covered by Making the Shade funding.

Match Requirements

Making the Shade Grant Program funds must be matched equally (dollar for dollar) with non-federal funds. These non-federal funds cannot be used as a match for any other Federal cost-share project. The match may include in-kind contributions, volunteer assistance, and private and public (non-Federal) monetary contributions. All matching funds must be specifically related to the proposed project.

In-kind contributions include on-hand supplies, third party donations of supplies or equipment, the value of time (including fringe benefits), professional services at the professional rate, or time spent by employees or volunteers on eligible project activities. Volunteer hours may be applied to the project at rates appropriate to the skill level of the volunteer and/or the nature of the work being performed. To determine the average value of adult volunteer labor, refer to the dollar amount specified by the Independent Sector by visiting their website. For children, use minimum wage as a standard.

<https://independentsector.org/resource/value-of-volunteer-time/>

Assistance provided by Federal employees or Georgia Forestry Commission staff may not be claimed as part of the match.

Cash purchases are direct, out-of-pocket expenditures for eligible project activities. If grant funds are awarded, please be prepared to document your match by providing copies of invoices, cancelled checks, signed receipts, payroll records, volunteer sign-in sheets, utility bills, etc.

Funds expended prior to the date of the grant agreement cannot be used as match. **Funds expended for entertainment, food and beverages, computers, or purchase of equipment can not be used as match.** Documentation of all matching funds must be provided before

reimbursement of the grant award will be issued.

Grant Timeframe

Approved projects can begin only after a grant agreement is signed by the grantee and the State Forester. **The recipient has one year to complete the project.**

Final Report

A final report is required of the grantee at completion of the project.

Payment Process

Payments will be made upon project completion and review of the Final Report, or according to a payment schedule agreed to in advance. The Georgia Forestry Commission reserves the right to make partial payments subject to completion of scheduled milestones.

Eligible Projects

Eligible Projects must meet program objectives. The *Making the Shade* program is intended to support new initiatives, programs, projects or activities not currently being funded through other sources. *Making the Shade* is not intended for the purpose of beautification tree plantings.

Ineligible Projects

Ineligible projects include, but are not limited to; trail design and maintenance, property acquisition and related costs, beautification projects, tree removal and maintenance.

General Requirements

A copy of the completed application must be submitted to the Community Forester and also by e-mail or mail to:

shawkins@gfc.state.ga.us

or

Making the Shade Program
Georgia Forestry Commission
141 Wilshire Road
Rome, GA 30161

A signed liability waiver and endorsement letter (form at the end of the application) must be submitted with each application.

Applicants must sign a grant agreement with the state forester before the project can begin.

Questions: Contact Seth Hawkins, shawkins@gfc.state.ga.us ; 478-951-8286

Application Form

Making the Shade Grant Program

Please type

This page must be the first page of your application packet.

(For office use only)
Grant #: _____
GFC District # _____
SCFP District _____

Project Information

Project Title (10 words or less):	Making the Shade at
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Applicant Information

Organization Name:			
FEI Number:		501(c)3 status:	<input type="checkbox"/> YES <input type="checkbox"/> NO

Project Manager (All correspondence will be directed to this contact.):

First Name:		Last Name:					
Title:							
Mailing Address:							
City:		County:		State:		Zip:	
Phone (school year):		Phone (summer break):					
E-Mail Address (school year):							
E-Mail Address (summer break):							

Financial Information

<i>Grant Funds Requested + Total Cash Match + Total In-Kind Match = Total Amount of Project</i>	
Grant Funds Requested	\$
Total Cash Match	\$
Total In-Kind Match	\$
Total Amount of Project	\$

Signature of Agreement

As the duly authorized representative of the applicant named above, I hereby certify that all parts of this grant application have been read and understood and that all information submitted herein is true and correct. If awarded a grant under the Urban and Community Forestry Grant Program of the Georgia Forestry Commission, said organization agrees to comply with all Federal and State guidelines for completion of the grant.

_____ Date _____
 Signature of Authorized Representative

 Name and Title of Authorized Representative (Please print or type)

Proposal Narrative

Please type into the outline below and provide concise responses to the questions.

I. Purpose and Objectives

To plant # trees on the _____ school campus for the following objectives:

- Reduce surface temperatures of playground equipment
- Reduce ultraviolet radiation exposure
- Decrease ground level ozone
- Foster an educational, healthy and fun environment
- Improve air quality
- Improve energy conservation
- Develop school curriculum reinforcing the environmental benefits of tree
- Provide a green learning environment

II. Project Detail

- A. Describe the activities that will occur to complete the project and indicate who will be responsible for each activity:*
- B. Provide tentative dates for the completion of each activity:*
- C. Describe how the trees will be watered and maintained for three years and the organization responsible for the maintenance:*
- D. Describe how information about the Making the Shade project will be incorporated into classroom activities/school curriculum:*
- E. Will the project be publicized to the student body, parents, community, legislators or the media? If so, how?*

III. Budget

- A. Please list the items or activities that will be financed by the grant funds. Include the tentative dollar amount of funding used for each item:*
- B. Please indicate how the match requirement will be met (refer to the match section in the guidelines). Include the tentative dollar amount of each item and the source of the match:*
- C. Please complete and submit the budget table below:*

FINANCIAL DETAIL FORM
 APPLICATION FOR FEDERAL ASSISTANCE
U&CF Sub-Grant Funds From The
 Georgia Forestry Commission

PROJECT TITLE:	MAKING THE SHADE AT
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Cost Category	Grant Funds Requested	Cash Match	In-Kind Match	Total
VALUE OF STAFF OR VOLUNTEER TIME <i>(APPLIES TO IN-KIND MATCH ONLY)</i>	X	X		
PLANT MATERIALS				
WATERING SUPPLIES				
LANDSCAPE SERVICES OR EQUIPMENT RENTAL				
OTHER: (PLEASE SPECIFY)				
Totals	\$	\$	\$	\$

**LIABILITY WAIVER
LETTER OF ENDORSEMENT**

_____ hereby releases the
(Organization name)

Georgia Forestry Commission from any liability associated with contractors, volunteers, local government employees or other persons working on the Making the Shade Grant Project.

Permission and access to school grounds has been granted to plant trees at

_____.
(School/Location)

Printed Name of
Authorized
Representative: _____

Signature: _____

Title: _____

Date: _____