



*"One of the most important contributions Diane has made is serving as a mentor to other educators. Many of us have been inspired and revitalized by Diane's enthusiasm and dedication." Donna Stewart*



## Davies Legacy will Linger...

Diane Davies, State 4-H Specialist for Environmental Education, also known as the 'Godmother of environmental education', hung up her magic wand December 31, 2002. Her countless contributions to the education community are legendary.

She began the 4-H Environmental Education Program at Rock Eagle in 1979, now the largest residential environmental education program in the nation. With six months and an annual budget of \$300, Diane created the classes, secured the resources, served as the only instructor, administrator, and promoter for nine years, serving over 5,000 students each school year. The program now operates with 12 permanent and 40 seasonal staff at Rock Eagle, Jekyll, Tybee and Wahsega 4-H Centers, serving 40,000 students annually from Georgia and the Southeast.

Her responsibilities as State 4-H Specialist for Environmental Education included overall leadership of the 4-H Environmental Education Program including curriculum development, promotion, marketing, program development and supervision of staff. Once that program was on its feet, she turned her attention to the 4-H Natural History Museum at Rock Eagle. She provided direction on exhibit development, promotional literature and audio/visual support. She became a master fund-raiser, securing more than \$2 million for the Environmental

Education Program and the museum, through grants and private donations from individuals, companies and foundations who caught her excitement about environmental education. Recently she helped secure funding for the Ecology Wildlife Building and Aquatic Labs and other statewide projects.

One recent highlight of her career was when Diane delivered the keynote address for the Georgia Outdoor Classroom Council and the Environmental Education Alliance annual conferences. She was named Honorary Counselor in 2001, received the North American Association for Environmental Education Outstanding Service Award 2000 and served on the Board of the Georgia Partnership for Excellence in Education. She received the Distinguished Alumni Award from UGA's Department of Recreation and Leisure Studies, and the D.W. Brooks Faculty Award. Diane was named a National Kellogg Fellow, through which she had many opportunities to travel abroad exploring multiple use issues facing National Parks. Destinations included Africa, Australia, the Galapagos Islands and Alaska.

After retirement, Diane plans to keep busy traveling, starting her pottery business, doing some consulting, tending to her horses, working part-time and tending to her beloved cabins and property in Pennsylvania for six weeks each summer.



**Who's Who highlights one of the many Rock Eagle employees who exemplifies the 4-H motto, 'To Make the Best Better'**

**Harvey Denham  
Skilled Trades Worker**



Wingspan would like to introduce Harvey Denham, skilled trades worker in the Maintenance Department. Harvey started working at Rock Eagle in 1987. He is responsible for upgrading the electrical needs and requirements for all of the Center's facilities. Harvey also plays a major role in all of the renovations and new construction in progress. In addition, he oversees large construction and renovation projects at Fulton, Wahsega, Jekyll and Tybee 4-H Centers.

Harvey is from Eatonton and graduated from Putnam County High School. He attended North Georgia Technical School for electrical appliance certification and DeKalb Area Technical School

### Landmark History

The Georgia Power Building at Rock Eagle is one of two educational buildings that were originally designed to train adults and youth in Family and Consumer Science issues. It was initially constructed in 1954 and dedicated to Charles A. Collier in recognition of his great service to the cause of agricultural advancements as a citizen and vice president of the Georgia Power Company.

The Georgia Power Building was destroyed by fire in 1970 and replaced by the present structure. The new building was dedicated in 1971 as a continuing tribute to the memory of Charles A. Collier. The structure serves as a tribute to the dedication and energy thousands of past and present members of the Georgia 4-H organization

studying blue prints and building designs. Prior to working at Rock Eagle Harvey was Maintenance Foreman at Enterprise Aluminum in Eatonton.

Harvey enjoys riding his Harley, hunting and riding his four-wheeler on his farm. He is married and has three children and seven grandchildren. His son Gary works for Moore Gas in Eatonton. His daughter Nikki graduated from Georgia College with a sociology degree and is employed with the Department of Family and Children Services in Eatonton. Lisa, his other daughter, graduated from UGA and teaches in Pike County.



**Georgia Power Building**

who through the years have typified to the state and nation the ideals of the 4-H organization.

Georgia 4-H and Rock Eagle 4-H Center are grateful for the continued support of Georgia Power not only through their building and cabin at Rock Eagle but to the overall support they have given to the 4-H Program. Since the organization of the Georgia 4-H Foundation in 1948, a representative from Georgia Power has been a member of the Board of Trustees.

Georgia 4-H Centers & Environmental Education locations:

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Monday - Friday

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Tybee Island 4-H Center  
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Tidelands Nature Center  
100 S. Riverview Drive  
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## Reduce, Reuse & Recycle

Angela Bliss  
Environmental Education

Understanding the importance of reducing wastes, reusing materials, and recycling valuable resources complies with understanding that earth's population must share a finite amount of natural resources. The motto "**reduce, reuse, and recycle**" has been etched in our minds for some time now. **Why?** Solid waste has posed a threat to lifestyles and habitats for many years. The graph below depicts the division of our trash. Unfortunately, every piece of trash does not readily decompose, some pieces such as cigarette butts may take as long as five years and tin cans take up to 50 years. Over 40% of our trash consists of paper products, almost 20% is composed of yard trimmings, almost 17% is composed of metals and plastics, and the remaining amount (23%) is composed of rubber, leather, glass, and food scraps. Reducing, reusing, and recycling materials will keep valuable resources out of the landfills. Below are several solutions to assist in reducing, reusing, and recycling particular items.

**REDUCE:** Purchasing materials wrapped in minimal packaging accomplishes the first task in conserving our natural resources. Purchasing family size items rather than small single serving chips or cereal boxes, using cloth bags for small quantities of groceries, and monitoring the level of printed materials being used are several ways to reduce the trash levels.



*If interested in teaching or volunteering with the 4-H Environmental Education Program, please contact us.*



**REUSE:** Many food items are packaged in sturdy plastic containers that hold dinner leftovers for many nights to come; plastic dinnerware can be washed, clear plastic snack bags are still good after one use; and a day old newspaper makes wonderful packaging materials to protect your breakables. Simple actions to reuse containers or packaging and a few moments can save money and prevent needless wastes.

**RECYCLE:** Of the 3R's, recycling is the most marketed choice. Efforts and technology have created a plethora of new and usable items from our recyclable goods. By collecting materials that have already been mined, cut, and treated, industries do not have to gather large quantities of new additional natural resources. Paper, rubber, plastic, and aluminum are several profitable and popular items that are capable of being recycled.

Recycling paper products decreases the demand for lumber. By decreasing the lumber requirements, our trees remain standing which preserves a natural habitat, large machinery is not used which conserves fossil fuels, and chemicals necessary for treating lumber are not used which decreases toxins released into the environment.

In a society where cars are a necessity for survival, millions of rubber tires can be worn thin every year. Those used tires can be recycled to produce a wide range of

home and outdoor goods. Recycled rubber tires can be made into rubber asphalt, floor mats, shoes, lumber/decking, and children's toys.

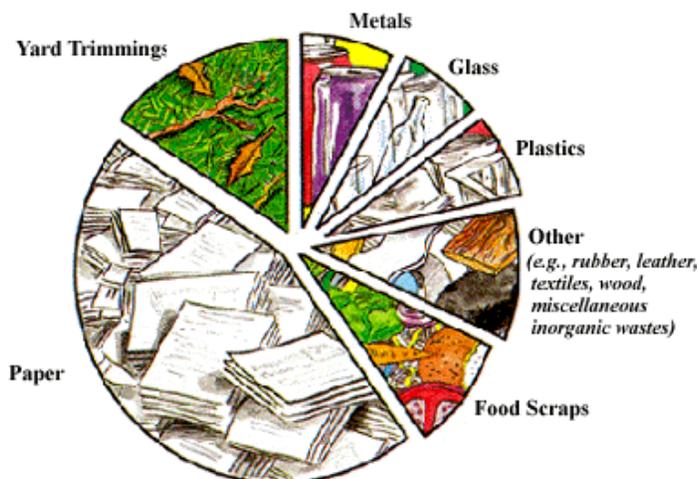
Lastly, aluminum is the most valuable recycling item with a value of around \$0.30 per pound. In fact, the entire cycle of a recycled soda can from the shelf, to consumption, to refill, and back to the shelf is only 60 days. To throw a can away is the equivalent of pouring 6 ounces of gasoline on the ground or burning a 100-watt bulb for four hours. For every can discarded in the trashcan or carted to the landfill, 250 years will pass before the cans have decomposed. Recycled aluminum cans are the primary source for aluminum for cans. The recycled materials are pressed into sheets and the sheets are cut into cans.

Georgia has over 8.5 million people dumping their trash into 76 statewide landfills. Mathematically speaking, there is one landfill for every 112,635 people. If the average person produces seven pounds of trash per day and the average lifespan of a landfill is ten years, how much longer do we have until our landfills have been trash filled? Children and adults have power in educating others on the importance of the 3R's. Why? To save our natural resources and preserve the integrity of numerous ecosystems.

For more information on recyclable products or product decomposition, please visit the websites below.

[www.epa.gov](http://www.epa.gov)  
[www.ciwmb.ca.gov](http://www.ciwmb.ca.gov)  
[www.aec.army.mil](http://www.aec.army.mil)  
[www.recycle.com](http://www.recycle.com)

Source: [www.epa.gov/epaoswer/non-hw/reduce/catbook/what.htm](http://www.epa.gov/epaoswer/non-hw/reduce/catbook/what.htm)





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The University of Georgia and Fort Valley State University, the U.S. Department of Agriculture and counties of the state cooperating. The Cooperative Extension Service offers educational programs, assistance and materials to all people without regard to race, color, national origin, age, sex or disability. An equal opportunity/affirmative action organization committed to a diverse work force.

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As the nation's largest provider of residential environmental education, we welcome the opportunity to serve additional schools. Please call to book your school!



**Foundation Annual Fund**

The Georgia 4-H Foundation's 2002-2003 Annual Fund is in full swing. Contributions received through this year's annual fund will be used to cover operating expenses of the 4-H Foundation and provide support to the many 4-H projects which public funds cannot cover. Gifts are tax-deductible. Donors will be recognized in the annual report of Georgia 4-H, the Georgia Cloverleaf. We invite you to be a part of the 2002-2003 4-H Annual Fund and help strengthen Georgia's greatest youth development program. For more information contact Development Coordinator Jill Walton at 706/542-8914, e-mail [jwalton@uga.edu](mailto:jwalton@uga.edu) or visit our website listed below.

