

SC Teachers' Tour: Teaching Sustainable Forestry in Environmental Education

June 20th to 22nd , 2007

Environmental Education Advanced Workshop
Harbison State Forest, Columbia, SC

Day 1 – “A look at Forestry – Past, Present and Future”

One of the most enjoyable and rewarding parts of the S.C. Teachers' Tour is the introductory 3-day Advanced Environmental Education Workshop that teachers have the option of taking to enhance their knowledge and teaching skills. Those teachers taking the Tour for graduate credit or 45 certificate renewal credits (CRC's) gathered at Harbison State Forest in Columbia to learn how they can enhance their curriculum using environmental education materials such as Project Learning Tree (PLT). Although only 9 miles from downtown Columbia, this 2176 acre forest is the largest “greenspace” east of the Mississippi river that is within an incorporated city limits. Over the past several years, Harbison has become a recreation and education “Meca” for those seeking to escape the busy city life and learn more about forestry and the environment.



After a brief welcome and introduction to the Teachers' Tour by Jerry Shrum, Environmental Education Coordinator for the Forestry Commission, the educators quickly began learning how to use the materials they were given and the background information needed to teach about sustainable forestry. Beginning with a history lesson on forestry, the class watched and discussed the “*Southern Forests, Southern Heritage*” video and the books “*American Forests*” and “*Forest Sustainability – The History, the Challenge, the Promise*” (The Forest History Society, 2002). Project Learning Tree (PLT) activities such as “We All Need Trees” and “A Few of My Favorite Things” gave the teachers practice in lessons they could use to teach about our need for forest products, renewable versus non-renewable natural resources, and the values we put on natural resource management.

Before lunch, Tim Adams, program manager for resource development for SCFC discussed “Future forest trends in S.C” and after lunch Nathan Smith, analyst for SCFC gave an introduction into the growing forest products industry in S.C. The video “Material & the Environment” helped the teachers understand attitudes and misconceptions about forests in the U.S.. The afternoon was spent learning about tree physiology, using the PLT activities “Tree Cookies”, “Every Tree for Itself” and “Tree Factory”. To end what was a great day of learning and fun, Byron Rominger, program manager for SCFC forest inventory analysis discussed the

gathering of scientific data on forests throughout the state and Guy Sabin, Environmental Forester with the S.C. Forestry Commission discussed Best Management Practices in forestry. Each teacher got a copy of his presentation to use in their classrooms. Before retreating to their hotel rooms, the teachers enjoyed a wonderful meal on the back deck of the Environmental Center. After all, food is an important part of our renewable resources!



Teachers learn about how to use an increment borer to remove samples of annual rings from trees. Jerry Shrum explains how foresters use the samples to determine the health of the forest and making management decisions based on the information.

Day 2 – “More Fun, Food, and Education”

Day 2 began with more fun activities teachers could use in their classrooms with additional materials and guest speakers. Secondary teachers were introduced to the PLT secondary modules “Focus on *Forest Issues*” and “Focus on *Forest Ecology*” in a separate workshop, while elementary teachers practiced lessons in how students can “Adopt a Tree”, write poetry from trees in the PLT activity “Poet-trees”, a look at “Trees As Habitats” for wildlife and other species, and how to make paper in their classes using the PLT activity “Making Paper”.

After lunch, teachers were treated to an entertaining yet educational presentation of “What is a forester” by Jimmy Walters, Piedmont Urban Forester for the S.C. Forestry Commission. Jimmy later presented several PLT activities on “Trees In Trouble” and later taught the teachers the proper techniques for planting trees at their schools, homes, and communities in the Activity “Plant a Tree”. Two trees were planted at Harbison State Forests’ “Backyard Habitat” area dedicated to this years Teachers’ Tour class.



(left) Teachers plant two trees dedicated to this year's Teachers' Tour class.

(right) Mike Windhorn, of Bowater Inc. teaches the educators how they can make paper in their classrooms.



Teachers become a forest and study the basic needs of plants in the PLT Activity “Every Tree for Itself”. Later, elementary teachers move to an outdoor classroom to write “Poet-trees” and conduct the activity “Trees As Habitats”.

Daryl Jones of the SC Forestry Commission gave an interesting discussion on endangered species of South Carolina and especially addressed the red-cockaded woodpecker, an endangered species of the long leaf pine ecosystem. At the end of the second day of the workshop, the teachers were given a walking tour of Harbison State Forest’s “Learning Trail” and “Discovery Trail”, examining how to construct interpretative nature trails, vernal ponds, butterfly gardens, and outdoor classrooms and signage along the trails. One of the major objectives of the workshop is to expose teachers to outdoor lessons and give the teachers ideas and resources that they can incorporate into their own curriculum and schools. Once trained in Project Learning Tree the teachers can apply for PLT’s “Greenworks” service learning grants. The walk ended at the gazebo, where Dean Carson (retired S.C. Forestry Commission employee), with the help of the local Society of American Forester’s chapter had prepared a cookout for the hungry and thirsty crowd.

Day 3 – FOREST PROTECTION -“The Natural Role of Fire” in Forest Ecology & Insect and Disease of forests

Day three was dedicated to a single topic – FOREST PROTECTION! The teachers viewed the video “*The Two Sides of Fire*” that they received and discussed the natural role that fire has played throughout the history of the Southern pine forest. Paul Watts with the S.C. Forestry Commission then addressed the history of wildfire in South Carolina and the science behind wildfires. Forestry technicians were waiting nearby with their dozers and equipment to demonstrate how the Commission attacks wildfires. There are approximately 5000 to 6000 wildfires in South Carolina each year and our land and forests have been shaped by fire for thousands of years. The Southern pine forest is a fire dependent forest ecosystem, with many species of plants and animals (some endangered) dependent on frequent fires in the forestlands of the state. The importance of using prescribed fire as a management tool in reducing wildfires and ecosystem restoration were emphasized.



Paul Watts leads the teachers to a demonstration on fire suppression techniques. Teachers learn how to protect their homes from the “Firewise” mobile display.

The final lesson came with teachers examining and learning all about the insects and diseases that can play havoc in the Southeaster forests. Laurie Reid, entomologist with the SCFC gave a great presentation and passed around samples of the many insects and diseases that are monitored and dealt with on a daily basis here in the forests of our state. Fire, insects, and diseases are just a few of the natural hazards that cause the continuous changes in our forests.

June 26th to 29th, 2007

The “LOWCOUNTRY” Forestry Tour St. George, SC

Day 4 – “All Onboard the Magic School Bus”

After a long weekend, the 36 teachers were joined by others on the Tour of the Lowcountry. For the next four days the teachers boarded a bus to tour forests, forest products manufacturing facilities, nurseries and wildlife refuges. On Tuesday afternoon, Steve Debose, representing the SC Forestry Association and Crad Jaynes, President of the Timber Producers Association gave a introduction into Sustainable Forestry practices and the business aspects of processing wood products, logging and other topics of turning timber into finished products. The teachers then boarded a bus for our first excursion of the week, a visit to the Brosnian Forest, operated by Norfolk Southern Railroad. The Brosnian Forest is the location of some of the best managed longleaf pine ecosystem and the largest colony of red-cockaded woodpeckers on private land in the nation. A good Bar-B-Q followed.



Josh Raglin(right), forester for the Brosnian Forest, explains management techniques of the longleaf pine ecosystem.



Relaxing before a good evening meal provided by the Brosnian Forest, Norfolk Southern Railroad.

Day 5 – “Growing Trees, From the seed Up”

What a fantastic day this would turn out to be! Our group boarded the bus and took the first of a long day’s journey to Santee Cooper’s Sandy Beach Wildlife management area, where Jose Stephens of Santee Cooper discussed forest management and wildlife management on their public lands.

The next adventure would take us to a harvesting operation in the where the forest was being thinned after being replanted from damage from hurricane Hugo. Tommy Byrd of Trees, Inc. and Crad Jaynes did a great job of explaining what their objective was in this operation, and the machinery and techniques used to make this thinning harvest. Trees were being harvested and removed from the site in a manner that was both environmentally friendly and promoted a healthier forest. Tommy allowed the teachers to get up-close and personal with the machinery. And what could be better than a lunch out in the woods under a tent canopy and tree canopy.



Tommy Byrd of Trees, Inc. explains the details and equipment in a modern thinning operation.



Teachers get up close and personal with the logging equipment.

Our next adventure took us to Charleston and a visit to MeadWestvaco’s Paper mill. After an interesting introduction, the teachers got a good look at one of our chief exports, Kraft paper. Teachers were fascinated at how the loads of wood chips were delivered, the modern technology

involved, and the dedication of the employees and MeadWestvaco at producing their product with as minimum of impact to the environment as possible.

Now it was time to load the bus to head out for a tour of Bonneau Ferry wildlife management area. This public land is managed by the Department of Natural Resources for wildlife and was once property of MeadWestvaco. After a brief bus tour of the area, it was on to end the day and enjoy a supper straight from the lowcountry – a Lowcountry shrimp boil or frogmore stew provided by the local chapter of the Society of American Foresters.



Eagles nest at Bonneau Ferry. Teachers view an impoundment and search for wildlife at one of the many stops at Bonneau Ferry Wildlife Management area.



Local members of the Society of American Foresters prepare the evening meal, a lowcountry boil of shrimp, potatoes, corn, as they chat with educators. Before the meal teachers relax as they watch the moon rise over the marsh at Bonneau Ferry.

Day 6 – “The Wonders of Technology”

Thursday turned out to be a fascinating day for most all of the teachers. It was a day filled with technology, a good old fish fry, and visit to an industrial forest. Our first excursion was to one of the newest modern forest products mills in the state, Grant Forest Products. Grants manufacture OSB (oriented strand board), and engineered wood product where the trees are literally cut into tiny strips and reassembled to make a stronger building material. The next stop was just as fascinating as we visited Collum Lumber Products, where we did a walking tour of a modern day saw mill and a driving tour of a pole plant and post mill. Here the teachers witnessed some of the most advanced use of computer and laser technology available. Logs go from the yard to finished products almost without passing through a single human hand. Lasers scan the logs after debarking and computers automatically turn the log to get the maximum amount of lumber

from the log. Sawblades bend and turn with the curve of the log to get the maximum sustainable yield. Nothing is wasted, from the sawdust to the bark. Everything is utilized and resold or used to produce energy, either electricity or heat for the drying furnaces.



Teachers tour Grants Forest Products and Collum Lumber Products.

Leaving the mills we next visited a working “Tree Farm”. Johney Haralson was our host as we visited his award winning Tree Farm. Always a great host, Johney had prepared a great meal and the teachers sat under the equipment shed feasting on a meal of grits, fried fish, quail, fresh tomatoes and cucumbers among other things. After the meal we all piled into the wagon for an old fashioned “hay ride” around the farm. Mr. Haralson’s primary objective on his tree farm is game management; especially turkey, deer and quail. Using thinning techniques, herbicide applications, along with food plots and prescribed fire, it was evident that his management objectives were working as we spotted evidence of many turkey and deer along our hay ride.



Visiting Johney Haralson’s Tree Farm is always an enjoyable event. Grits and fried fish, talk about trees and wildlife, and ending with a hay ride.

The next stop would be a visit to an industry forest owned by Plum Creek. Industrial forests are sometimes managed more intensely than private or public forest because of the need to feed their mills. However, Plum Creek has no mills and simply is a forest based company growing timber. This allows more flexibility in their management objectives. What was so fascinating at this stop was that we were able to see 40 years of management in one spot, from a recent clear-cut site prep to a 40 year old mixed pine-hardwood forest and all the phases in between.



Teachers walk through a recently planted “clear cut” and witness 40 years of forest management cycles at the industrial land stop of Plum Creek.

Finally it was back where we began, the Brosnian Forest for our sponsors reception and dinner. Here, the teachers, dressed in their new Teachers’ Tour T-shirts, got to relax and mingle with many of the people who sponsored and worked so hard to make this Tour happen.



Teachers mingle with the sponsors and relax back at the Bosnian Forest for the sponsors reception.

Day 7 – Learning More About Sustainable Forestry

One of the major accomplishments of the Sustainable Forestry Initiative is its reliance on and development of new technologies that help stretch the resource and make the wood products industry more efficient in using wood. On Friday morning, Dean Carson led a great discussion of new engineered wood products and discussed the process of creating jobs through value added products. Teachers passed around many of the new engineered wood products and even some future products that come from trees. Using every part of the tree and utilizing existing and new technology to grow, harvest, and manufacture products that we depend on to support our quality of life is a major goal of keeping our forests in South Carolina healthy, productive, and sustainable. This way future generations may also enjoy the social, economic and ecological benefits of this great natural resource.



Dean Carson talks about engineered wood products and special ways to add value to the natural resource and create jobs.

Afterwards, the teachers had a chance to evaluate the Tour, ask questions about anything they experienced, and describe any new perceptions about forestry that they had gained from their experience. Then it was time to depart for summer vacation and say good-bye to all our new found friends and memories. And what did they learn? It can be summed up from the video we saw at the end of the tour:

“TREES ARE THE ANSWER!”

Group Photo of the 2007 S.C. Teachers' Tour



TEACHER COMMENTS

Teachers were asked what new perceptions they have about forests, forestry, foresters, public lands, and the forest products industry. Here is what they said:

“I really enjoyed the academic part of the class and the tour part too. We got a broad overview of forestry then the opportunity to apply that knowledge on the tour.”

“I learned so much about the modern sawmill at Collum Lumber Products tour. This was phenomenal. The way that technology is used now is wonderful. Workers at the mill utilize the tree very efficiently.”

- Wallace M. Walling, Jr. , Calhoun County High School, St. Matthews, SC

“I most enjoyed the first hand experience in seeing all sides of the forestry profession. Foresters are professional, skilled laborers, charged with passion for the continuous use of forests for our generation as well as generations to come. Due to their efforts I understand the need for using trees in everyday life, and will now be able to accurately explain the process to my students.”

- Leroy E. SteigerweltIII, 4th Grade teacher at Kingsbury Elementary

“I enjoyed the great classroom resources, the incredible wealth of knowledge and networking with other educators. My new perceptions include clearcutting is not bad, fire is good when controlled, the importance of forestry to SC’s economy, a new respect for foresters and the challenges they face, and that forestry is literally at the cutting edge of technology.”

- Philip Rabon II, 608th grade teacher at Busbee Creative Arts Academy

“I enjoyed the examples of hands-on activities I can use in my lessons, the teaching material, contacts with specialist who work in forestry(it improved my knowledge about the subject), and the trips in different forested areas. I now perceive the forests from a global point of view and can compare forest management procedures from Europe and from the U.S.. You have a well developed forest industry and you are more practical (compared with the eastern part of Europe). I like how you apply the reforestation program, it is real.”

- Cristina Ichimas, Manning High School (visiting from Romania)

“There was so much knowledge, and I truly enjoyed the onsite visit with Tommy Byrd (harvesting operation) as well as Johny Haralson (Tree Farmer). It brought life to the words; it was powerful. I now understand what forestry and foresters were doing when I now see a clear cut. I knew they replanted but the science and overall technology behind the forest industry is just amazing. I will encourage my environmental students to take a close look at forestry.”

- Angela D. David, Manning High School

“I enjoyed getting to see first hand the various areas of the forest industry (from loggers to the paper mill). There is a lot more technology involved in this industry than I originally thought and so many job opportunities.”

- Jillian Shupenis, Lakewood High School, Sumter, SC

“I enjoyed the passion and information given by lecturers, the useful materials and resources for the classroom, and practical information. I now know that our forests are not disappearing, they are a renewable resource and that they have excellent oversight and accountability. I have a new

appreciation for the products we use on a daily basis and a new found respect for the men and women who have dedicated their lives to the industry.”

- Sharon York, middle school teacher at Mt. Zion Christian School, Greenville, SC

“I can see now how foresters have to be visionaries. Most people tend to want immediate results. Foresters have to look at the future knowing they may not see an end result in their product for many years. They know that much of their work will have to be carried on through the next generations.”

- Cathie Sever, 4th grade teacher at Mt. Zion Christian School, Greenville, SC

“There was a wealth of useable, hands-on information that can be implemented immediately into the classroom curriculum. I now know that forests require natural and human management. Forestry encompasses a lot more than I previously thought. Foresters have very important roles in managing forests, working with industry, and working with the general public. Public lands are in a constant state of change and can be utilized and enjoyed in each phase. The forest products industry is much more diversified and high-tech that I realized.”

-Ann Bishop, Wren High School

“I enjoyed the interaction with other fellow teachers along with the tours of the different facilities. I realized that there is a lot that goes into producing a healthy forest. I also learned that almost everything we use daily is derived from wood.”

- Bryan Atkinson, Central High School, Pageland, SC

“I have a new understanding of the science of forestry and a better appreciation for loggers and foresters. My first visit to the timber industries was a great experience.”

- Pete Langford, Powdersville Middle School, Piedmont, SC

“I enjoyed the diversity of information offered in this class. What is done with the tree after it is cut; what type of person is the logger, forester; who owns the land and how the land is managed; all of these perceptions have shed a positive light on the forest industry.”

- Joanne Anderson, 3rd grade teacher at St. Joseph School.

“ I enjoyed seeing how technology has been applied to harvesting and production. My new perception is that our forests are well managed.”

- Charlie Calhoun, 5th grade teacher at Gilbert Elementary, Gilbert, SC

“I enjoyed the field trips in general. I learn best when I actually have the experience and I have learned that my students do as well. You can understand the magnitude and impact of the forest industry when you stand among the ‘stands’. I now realize that loggers are not destroying habitats, environments or ecosystems. I now know that tree removal improves these areas. I have also learned that the careers involved have become very technical and forestry supports many different types of careers (entomologists, economists, etc.).”

- Carol Busbee, 4th & 5th grade teacher at BC#1 Elementary, Lexington 2 School district.

“I enjoyed the speakers and educational materials, current knowledge that can be given to students to help them appreciate and preserve our state’s natural resources. I have a new perception of the professionalism of loggers’ association and members (deep faith and respectful

of God's given resources; the total use of all parts of the papermaking process; that sustainable forestry practices are preventing the deforestation of South Carolina; and that tax dollars are well spent on forestry personnel."

- Beverly C. Walling, John Ford Middle School, St. Matthews, SC

"I most enjoyed the social interaction in the forest environment where we could mingle first hand with those who depend on the forest industry. I have a great respect for the loggers; admiration for the landowners; for the manufacturers in using technology to make the multitude of products which improve our lives."

- David Culp, 8th grade teacher at Schofield Middle School, Aiken, SC

"I enjoyed the hands-on experience of visiting the different industries. I have increased my knowledge about forestry and can intelligently carry on a conversation about the topic now."

- Patricia Bradford, Sumter High School, Sumter, SC

"I enjoyed getting to meet so many different people from all parts of South Carolina. My new perceptions include that forests are a really good thing; if forests are managed properly they produce wood to be harvested about every 15 years; and the forest industry is vital to our society."

- Kathy Stowe, John Ford Middle School, St. Matthews, SC

"I enjoyed everything about this course. I was relating my early impressions of the forestry practices to the industry today and was thrilled to learn about such things as continuing education for loggers and the truth about clear cutting, etc."

- Beverly Hudson, 5th Grade teacher at Barnes Learning Center, Epworth Children's Home in Columbia, SC

"I enjoyed the opportunity to travel around to see different aspects of the forest industry and the acquisition of knowledge of these operations. My perceptions have completely changed about all of these topics. I have gained a respect and appreciation for all aspects of the industry and great respect for the personnel involved. I was amazed at the professional standards, the technology used and the passion of conviction espoused by the professionals we have met."

- Carol D. Stokes, teacher at Barnes Learning Center, Epworth Children's Home in Columbia, SC

"I enjoyed the tours of the forests (Bonneau Ferry was my favorite), seeing how trees are harvested, and the mills and factories were fascinating. Before participating in the Teachers Tour, I did not fully understand the benefits of 'clear cutting'. Since it is ugly, I assumed it was harmful. I now understand the necessity of 'starting over' with a new forest. I also have a new appreciation for how forests can be managed for multiple purposes."

- Rebecca "Betsy" Strong, 6th grade teacher at Cairo Middle School, Mt. Pleasant, SC

"I enjoyed seeing the various ways in which the timber in SC is managed through sustainable forestry. I think it's important for the general public to know the different way their private land can be managed. I have a new respect and understanding for what foresters do everyday! I have also learned that there are many ways in which harvested timber is used to make manufactured products and that this is a valuable resource in our state. I learned that it is very

important for the general public to be educated about what sustainable forestry is and how they can get involved.”

- Mary Elizabeth Farmer, 6th grade teacher at Pleasant Hill Middle School, Lexington, SC

“I didn’t realize so many different corporations and agencies were involved with conservation practices, such as DNR, SCFC, NRCS, etc. I didn’t realize forests could be used for logging and other uses.”

- Alana Willingham, Cherokee County 4H and Clemson Extension.

“I enjoyed learning about the hands-on, step by step process of planting to the by-products with emphasis on wildlife and plants. Foresters are committed to strong professional ethics and sustaining our forests.”

- Denise Applewhite, Conway Middle School teacher

“I enjoyed the tree farm and the sawmill. Going from the beginning and all the work it takes and ways to enjoy the forest to the finished product production was a way to inform how and how hard it is in the forestry business. My new perceptions are on prescribed burning and clearcutting are a good thing. We need for John Q. Public to be more informed about reforestation and to be active to slow down the process of deforestation.”

- Jan Rampey, 5th grade teacher at Round Top Elementary in Richland County.

“It was great to listen and learn from so many different people from so many different backgrounds. The importance of fire was reinforced and I now realize that forestry is a family owned industry with strong family values. I gained the base knowledge to talk to others about the importance of forestry in South Carolina.”

- Penny Morris, Strom Thurmond High School, Johnston, SC

“The hands-on activities and trips into the forests were most enjoyable. I learned that forests really are a renewable resource.”

- Sandy Phillips-Long, Boiling Springs High School, Spartanburg county

“Foresters are not the enemy. I thought foresters were not educated but I know different now. Clear cutting is a way to regenerate new growth and new trees. I did not realize the economic impact of forestry until I took this course.”

- Leonard D. Covington, Goose Creek High School

“I enjoyed actually seeing and participating in all the aspects of the forest industry...from planting trees to forest products. I was amazed at the passion that each individual has for the forest and wildlife in the industry, how well forests are managed for both timber and wildlife, and the cooperation among all participants in the industry.”

- Fred Phillips, Wando High School, Mt. Pleasant, SC

“I really enjoyed the mills. It’s good to see how things are made and done and be able to report the true nature of these mills to my students, some of which aspire to work win one. I now see how important our forests are to the world. It’s a very important renewable resource. Trees are important to us in all ways, social, economic and environmental.”

- Tracey Eubanks, Strom Thurmond High School

“ I enjoyed the fast pace and being taught by people who are passionate about forestry. I now know that clearcuts are not bad things and I have a new perception about the economic impact of the timber industry.”

- Sande Tisdale, Alice Drive Elementary School, Sumter, SC

“I enjoyed the sharing of the experiences we had. It enhanced the learning, changing of attitudes and enjoyment. I feel more positive about forestry and industry practices. I’ve learned that things have changed so much in the last 20 years. “

- Pam Bulak, 7th grade teacher at Heathwood Hall, Columbia, SC

“I really enjoyed the Brosnian forest, it was the ultimate in forest management. I have a total change in perceptions of forestry and management of our natural resources.”

- Steve Mullinax, Fort Mill High School

“I enjoyed touring the mills and seeing the wood become a product. I was amazed at how mechanical the saw mills have become and the lack of labor at the mills.”

Wayne Bell, Saluda High School

The 2007 S.C. Teachers' Tour Educators

First Name	Last Name	City	School	Grades Levels
Joanne	Anderson	Columbia	St. Joseph School	2 & 3
Denise	Applewhite	Conway	Conway Middle School	6th & 7th
Bryan	Atkinson	Cheraw	Central High School	6-12
Wayne	Bell	Prosperity	Saluda High School	7-12
Ann	Bishop	Liberty	Wren High School	9-12
Patricia	Bradford	Sumter	Sumter High School	9-12
Pamela	Bulak	Columbia	Heathwood Hall	7th
Carol	Busbee	West Columbia	BC#1Elementary School	4 & 5th
Charlie	Calhoun	Columbia	Gilbert Elementary	5th
Leonard	Covington	Goose Creek	Goose Creek High School	9-12
David	Culp	Aiken	Schofield Middle School	8th
Angela	David	Manning	Manning High School	9-12
Tracey	Eubanks	Trenton	Strom Thurmond High School	10-12
Mary Elizabeth	Farmer	Lexington	Pleasant Hill Middle School	6
W. Michael	Floyd	Rock Hill	Chester Middle School	7th
Beverly	Hudson	Columbia	Barnes Learning Center	5th
Cristina	Inchimas	Sumter	Manning High School	9-12
Pete	Langford	Easley	Powdersville Middle	6,7,8
Patricia (Penny)	Morris	Modoc	Strom Thurmond High School	9-12
Stephen	Mullinax	Rock Hill	Fort Mill High School	10 & 12
Fred	Phillips	Mt. Pleasant	Wando High School	9th & 10th
Sandy	Phillips-Long	Gaffney	Boiling Springs High School	10 - 12
Philip	Rabon II	West Columbia	Busbee Creative Arts Academy	7th & 8th
Jan	Rampey	Blythewood	Sandlapper Elementary	5
Cathie	Sever	Simpsonville	Mt. Zion Christian School	4th
Jillian	Shupenis	Dalzell	Lakewood High School	9-12
Leroy	Steigerwalt III	Sumter	Kingsbury Elementary School	4th
Carol	Stokes	Lugoff	Barnes Learning Center	4th
Kathy	Stowe	St. Matthews	John Ford Middle School	6th to 8th
Rebecca	Strong	Mt. Pleasant	Cario Middle School	6th
Sande	Tisdale	Mayesville	Alice Drive Elementary	2nd & 3rd
Beverly	Walling	St. Matthews	John Ford Middle School	6th to 8th
Wallace	Walling, Jr.	St. Matthews	Calhoun County High School	9-10
Alana	Willingham	Jonesville	Cherokee Co. Dist. 1	6-8
Sharon	York	Greer	Mt. Zion Christian School	6th, 7th, & 8th