

## Description of Presentations Fall, 2004

- 1 **The Ecosystem of a Pond**; Russ Ottens; University of Georgia  
Explores relationships in the living community of a pond
- 2 **Water Cycle**; Gary Hawkins; University of Georgia  
A pictorial demonstration of the water cycle discussing evaporation, condensation, & precipitation
- 3 **The Ecosystem of a Desert**; Dave Groff; Master Gardener  
Explores relationships in the living community of a desert
- 4 **Electrical Safety**; Lonnie Wise; Georgia Power  
Demonstrates electrical safety with a real working model
- 5 **Weather Data**; Eddie Edenfield; University of Georgia  
Weather data collecting equipment
- 6 **Electricity & Magnetism**; Andy Knowlton; University of Georgia  
Demonstration of how electricity and magnetism work together to power a motor
- 7 **Recycling**; Karen Franks, Master Gardener & Duncan McClusky, University of Georgia  
The importance of recycling and examples of recycled products
- 8 **Environmental Problems**; Stan Diffie; University of Georgia  
Will engage students in finding answers to real problems dealing with environmental issues
- 9 **Weather**; Anthony Slaughter; Moody Air Force Base  
Clouds and weather equipment
- 10 **Soybean Products**; Bob McPherson; University of Georgia  
A principal product of Georgia, but what do we do with soybeans?
- 11 **Stream Quality**; Anna Cathey; University of Georgia  
Students will help to determine water quality using the tools of a water engineer
- 12 **Soil Conservation**; Kathy Jones & Charlene Lankford; NRCS USDA  
Preserving one of our most important resources - soil
- 13 **Food We Eat**; Judy Bland; Tift County Extension Agency  
Interactive Quiz Show on foods that we eat
- 14 **Product Tree**; Tommy Gannis, Georgia Forestry Commission  
See the a amazing number of products from trees
- 15 **Tree Growth Cookies**; Chad David, Ga. Forestry  
What can the inside of a tree tell you about its age and history?
- 16 **Simple Machines**; Bob Lee, Brownlee Farm Ctr; & Von Peavy, State Dept. of Education  
Looking at the big machine, find the simple ones within
- 17 **Composting**; Suki Janssen; Keep Georgia Beautiful  
How to cook up a compost mixture of your own
- 18 **Web of Life**; Nancy Hand & Bruce Tucker; University of Georgia  
Students participate in a simulation of the impact of an interruption in a food chain
- 19 **Weather Instruments**; Sidney Cromer, Caci Cook, William Nance; University of Georgia  
Real weather instruments to view and an explanation of how they work
- 20 **Cotton Gin**; Lola Sexton; University of Georgia  
A real cotton gin is used to demonstrate how the cotton boll is processed into cotton fiber.
- 21 **Environmental Codes**; Russell Gay; Tift County Code Enforcement Office  
Students will see areas that have received citations for violating Tift County's environmental laws
- 22 **Products from Corn**; Ben Kennedy & Alan West; University of Georgia  
Some amazing properties of corn and products we get from it
- 23 **Parasites**; Frank Lochner & Oreta Samples; Fort Valley State University  
View miniscule plants & animals through the microscope
- 24 **Peanuts**; Joy Carter; Peanut Commission  
Peanut production and peanuts as a food
- 25 **Conservation**; Rick Reed; UGA  
Table top demonstration on Conservation Crop Production
- 26 **Watershed Model**; Andrea Milton; University of Georgia  
A 3-D model to understand water pollution in your own neighborhood
- 27 **Weather Maps**; Kent Williams; WALB TV  
A meteorologist will give students weather maps and explain them
- 28 **Cotton Products**; Mary Williams; Sumter County Extension Agency  
From food to clothing, Ms. Williams will show how much we depend on cotton
- 29 **Finding Your Way**; Roy Joiner & Danny Tyson; USDA – NRCS  
Students will use GPS units and compasses to find direction
- 30 **Vegetable Production**; Jeannie Hutchinson, Rob Millings, & Andrea Hutchinson; University of Georgia  
What goes into planting and harvesting a vegetable crop?
- 31 **Picking Cotton**; Tim Ross, University of Georgia; Wes Shannon, Tifton Young Farmers  
Students actually pick cotton the old-fashioned way – by hand
- 32 **Peanut Harvest**; John Hagin & Stacy Jones; University of Georgia  
See how modern equipment is used to harvest crops.