

Approved Feb. 20, 1991  
Date

MINUTES OF THE HOUSE COMMITTEE ON AGRICULTURE

The meeting was called to order by Representative Lee Hamm at  
Chairperson

9:00 a.m./~~p.m.~~ on Tuesday, February 12, 1991 in room 423-S of the Capitol.

All members were present except: Representative Neufeld, excused

Committee staff present: Raney Gilliland, Legislative Research  
Lynne Holt, Legislative Research  
Jill Wolters, Revisor of Statutes Office  
Pat Brunton, Committee Secretary

Conferees appearing before the committee: Bruce Larkin, State Representative,  
District 63  
Mardell Pringle, Kansas Foundation  
for Ag in the Classroom, Yates Center  
Sharon Tally, Kansas Foundation for Ag  
in the Classroom, KSU, Manhattan

Representative Bruce Larkin appeared before the committee to introduce a bill which would require packing plants to file a copy of their packers and stockyard statement with the State Board of Agriculture.

Representative Rezac made a motion to introduce the bill.  
Representative Wisdom seconded the motion. The motion carried.

Mardell Pringle, Kansas Foundation for Agriculture in the Classroom, appeared before the committee to report on Ag in the Classroom. Ms. Pringle stated there is a need for agriculture literacy and wise use of natural resources.

Sharon Tally, Staff Administrator, Kansas Foundation for Ag in the Classroom, demonstrated some ways Kansas teachers might bring agriculture issues to the classroom. (Attachment 1).

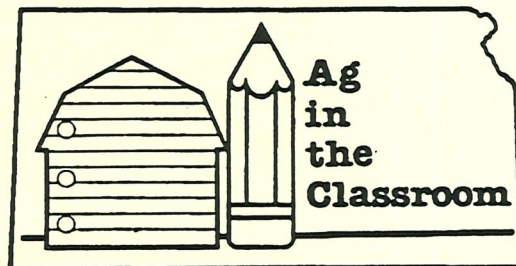
Questions and answers followed the presentation.

A motion was made by Representative Wisdom to approve the minutes of January 30 and January 31. Representative Rand seconded the motion. The motion carried.

The meeting adjourned at 9:35 a.m. The next meeting of the House Agriculture Committee will be on February 13, 1991, at 9:00 a.m. in room 423-S, State Capitol.



**Kansas Foundation for  
Agriculture in the Classroom  
1990 Annual Report**



*Hs. Ag.  
2-12-91  
ATTACHMENT 1*

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In 1990, the Kansas Foundation for Agriculture in the Classroom continued to carry out its major objectives:

1. To provide for Kansas students an understanding and appreciation of the food chain, which is the foundation of human life.
2. To promote the well-being of agriculture as a necessary forerunner to the well-being of America.

The Foundation helps educate K-12 students by providing resources that integrate information about agriculture into the science, math, language arts, social studies and other classes already taught.

This philosophy is gaining widespread acceptance and use in education as the interdisciplinary, whole language, holistic or integrated approach of teaching. Using this educational theory, all subject matters are taught around a common theme. For example, the topic of wheat can teach students plant growth, fractions, research and writing, geography, history, nutrition and much more. As one teacher said, "The students can't tell when one subject ends and another one begins since they all revolve around one topic."

The Foundation works with teachers, volunteers, students and others to carry out six concepts:

- Agriculture is ...
- .....the business that provides our food, clothing and shelter.
- .....interdependent with the well-being of society in Kansas, the United States and the world.
- .....a vital, dynamic system shaped by research and development.
- .....influenced by government.
- .....interdependent with the environment and uses natural resources.
- .....historically significant.

Sharon Tally, Administrator (June-present)  
Becky Vining Koch, Administrator (January-June)  
Dana Thomson and Carolyn Farris, Student Assistants  
(September to present)  
Candace Plett, Jackie McClaskey and Danette King,  
Student Assistants (earlier 1990)

Kansas Foundation for  
Agriculture in the  
Classroom  
Bluemont 124, KSU  
Manhattan, KS 66506  
913 532-7946



# Summer Courses

The Kansas Foundation for Agriculture in the Classroom established another first in 1990 by extending the Integrating Agriculture Into the Classroom summer courses to three. This allowed a total of 78 K-12 teachers to enroll.

The June 11 - 22 class met in Manhattan with an enrollment of 28 teachers primarily from north central Kansas counties. To learn of agriculture they visited the KSU research farms, Johnson's cow/calf operation, the Mertz farm, Dillon's supermarket, Kansas Artificial Breeding Service Unit, the KSU flour mill, veterinary medicine and dairy processing complexes and the Manhattan community gardens. Activities included making omelets, experiencing giant cock roaches, studying plant pathogens and attending a resource fair.

KFAC once again traveled to the Kansas City area with the July 2-13 summer course attended by 24 teachers. Approximately half of the attendees were from urban Kansas City schools with the remainder being from Leavenworth, Douglas, Miami, Franklin, and Linn counties. Class home-room was provided by Farmland Industries Research Farm, rural Bonner Springs. Tours included the Bob Daly farm,

Kansas City Board of Trade, General Mills flour mill, Bartlett grain terminal, Fresh Start Bakeries, Masson's Greenhouse, Armour meat processing plant and Farmland Industries Research Farms. This course also experienced a resource fair as well as learning of entomology, plant pathology and agricultural careers.

Barbara Hund,  
K-6 Physical Education  
and Health Instructor,  
St. Mary's Grade  
School, Salina,  
tries milling grain  
by hand at the  
'90 Summer Course  
in Wichita.



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Both the Manhattan and the Kansas City courses offered graduate credit from Kansas State University Colleges of Agriculture and Education.

The first KFAC Summer Course to be held in Wichita occurred July 23-Aug. 4, with classes based in the Sedgwick Farm Bureau building. Twenty-six teachers came from the Wichita area, northeast, central and western Kansas. This course featured a new approach with instructional responsibility shared between The Wichita State University College of Education and Kansas State University College of Agriculture. Tours in Wichita featured Rainbo Bakery, F & E Wholesale Food Distributing, the Wehrman farm, Botanical Gardens, the Henry home gardens and the Sedgwick County Fair. A Day on the Farm, co-sponsored by the Agri-Women and the Sedgwick County Farm Bureau Women, featured multiple presentations by numerous agricultural specialists at the Ott and Woodard farmsteads. The teachers did bread-in-a-bag and butter-in-a-jar activities which they will be able to re-create with their students. Participants experienced a workshop on Project Learning Tree and a Resource Fair. Environmental conservation was integrated within this course as in the two other summer programs.

Each teacher in the three courses completed a teaching unit to be used in his or her own classroom featuring some agricultural topic in one or more subject areas. The final two days of class provided time to share some of those ideas with each other. A few of those units included The Dairy Case, This Little Piggy, Growing Kansas Gold, Soil -- It Isn't Just Dirt, Ag Tripping Across Kansas, Surprising Soybeans, Exploring Strange New Worlds: Kansas From Space, Marvelous Milo, Wonderful Ways With Wool, and Cobs, Corn and Kernels.

Each course featured a Scholarship luncheon where teachers could enteract with scholarship donors and foundation members. More than \$19,500 was donated by agricultural organizations, agribusinesses, foundations and individuals to make the course possible for the 78 teachers. Class "graduates" were encouraged to present programs to their sponsors where appropriate and to conduct in-service training to other teachers in their school districts.

*In 1991, the Foundation will sponsor four summer courses -- in Hays, Kansas City, Manhattan and Wichita.*



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## State Fair Activities

Eriah Bueller,  
Reno County  
4-H Junior Leader,  
helps a young Fair goer  
with her Ag-Citing  
Adventure.



*Food, the Most Important Fuel in Space* served as the theme for the 1990 Ag-Citing Adventure at the 1990 Kansas State Fair in Hutchinson Sept. 7-16. The KFAC exhibit in the Pride of Kansas Building featured a mural of the earth as seen from the moon. The traditional Ag-Citing school boy and girl donned space suits for this year's appearance while a space helmet served as the drawing container. A video of astronauts eating food aboard their space ship played non-stop while an actual tomato plant grown from seeds taken into space completed the exhibit.

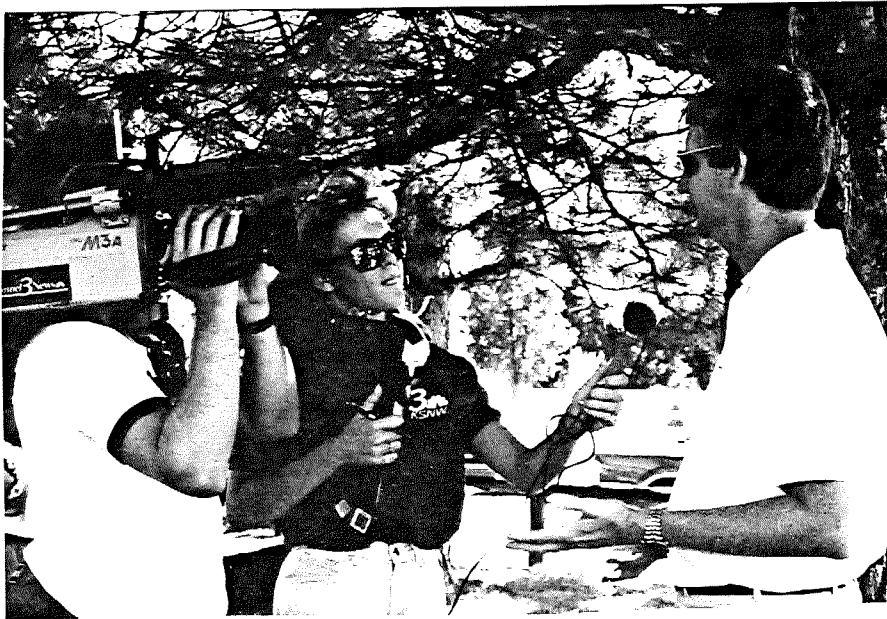
More than 1,350 children completed the revised Ag-Citing activity sheet. Answers to agricultural questions were located throughout the other exhibits within the building. Thirty organizations and agri-businesses provided items as rewards for those completing the activity.

Highlighting the week was the appearance of astronaut Steve Hawley, a native Kansan, on Friday, Sept. 14. Hawley spoke to visiting classes as well as the mass media on behalf of the Agriculture in the Classroom philosophy.

*Hop Aboard the Agri-Express will be the theme of the 1991 State Fair Ag-Citing Experience.*

In addition to presentations by Hawley, visiting school groups learned from mini-classes and tours. The Giant Cheeseburger and Getting to the Core, presented to an audi-

ence of parents and grandparents from the Pride of Kansas stage, provided ideas for use with family youngsters on food chain education from basic topsoil knowledge to understanding the balanced four food groups in a cheeseburger.



Astronaut Steve Hawley visits with a Kansas television crew between mini-classes outside the Pride of Kansas building, at the 1990 Kansas State Fair.

## Adopt-a-Classroom

During the 1990-91 school year, 54 classes were paired with farm families through the Adopt-a-Classroom program. Exchanges varied between the matched classrooms and families depending upon individual interests. Writing letters and sending photos, drawings and crop samples is a usual way of communicating. Modern technology makes video exchange a popular way to convey messages. An example of this was the introduction by way of video of Janet Allen's second grade in Olathe to their farmer, Allen Zimmerman at the other corner of the state near Sublette.

Farm families try to visit their class when possible. Distance can limit this but even one visit/year does wonders. Rudy Bahr, cattle rancher from Gridley, is a storyteller. He tries to get up to Kansas City once a year to visit his second grade and tell them the story of the baby calf from the time its born until it leaves the farm.

KFAC helps volunteer farm families find ways to connect with classrooms wanting to learn about agriculture.



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# Annual Meeting

Linda Gutsch, Elementary Principal from Goodland, spoke at the Eighth KFAC Annual Meeting October 25 at the Brunswick Hotel in Lindsborg. She used slides and examples of material to augment her explanation of the agricultural studies by her '89-90 fifth grade class. It started with the Sunflower Power unit that she developed in the 1989 Kansas City summer course, but expanded to include all grains grown in Sherman County. Examples of how the students took leadership once into the studies showed the integrated holistic nature of Gutsch's approach to teaching.

Gutsch's work with teaching Agriculture in the Classroom lead to her appearance on the program at the national Agriculture in the Classroom convention in Washington D.C. in June, and her participation in a curriculum writing workshop for Project Food, Land and People in Colorado in October. Her example of what Ag in the Classroom can mean for both students and an individual teacher was greatly appreciated by KFAC members and guests.

Golden Apple Awards were awarded to Becky Vining Koch and Dr. Jerry Horn for contributions to the Agriculture in the Classroom efforts. Koch served as Administrator until leaving the state in mid-'90. Dr. Horn also left the state in mid-summer. He had assisted KFAC in their cooperative relationship with the Kansas State University College of Education where he served as Associate Dean.

## National Agriculture in the Classroom Convention

KFAC member Linda Gutsch accepted an invitation to the 1990 national AITC meeting in Washington, D.C. June 3-5 to present information concerning her experiences as a teacher of an integrated agricultural unit. Convention attendees learned about her fifth grade class's enthusiastic response to her Sunflower Power unit developed during her participation in a KFAC Integrating Agriculture into the Classroom Summer Course. Her presentation was a part of the theme *Agricultural Literacy in a Changing World: Thinking Globally, Thinking Locally*.

# Teacher Resources

A spring semester *Ag-Citing News* newsletter for teachers was published in 1990. This newsletter informed teachers of resources available including upcoming KFAC events: AgWeek '90, 1990 Integrating Agriculture Into the Classroom Summer Courses, 1990 Kansas State Fair Ag-Citing Experience. The newsletter went to the over 1,500 teachers on the list who have made contact with KFAC and to all 1,025 K-12 school library media specialists in the state.

A library is made up of materials from many sources such as ag commodity organizations plus teaching units developed by past summer course participants. It is maintained in the KFAC offices within the College of Education, KSU, Manhattan. These are used directly by teachers visiting the campus as well as by staff to answer requests.

## Ag Week '90

Governor Mike Hayden proclaimed March 18-24, 1990, Agriculture in the Classroom Week in Kansas, "to honor the teachers and volunteers who are educating young people about our state's No. 1 industry -- agriculture."



Gov. Hayden signs the proclamation designating March 18-24, 1990, as Agriculture in the Classroom Week in Kansas, while KFAC members and staff look on.

AgWeek '90 activities developed by KFAC for use by teachers and volunteers were a set of art projects featuring Pasta Leaf, Woolly Lamb, Udderly Awesome Painting, Where's the Beef, Two Trees in One, Potato Printing and others.



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# 1990 Donors

\$1,000 or more

Dane G. Hansen Foundation  
Kansas Beef Council  
Kansas Livestock Association  
Kansas Sheep Association  
Wyandotte County Farm Bureau

\$500 - \$999

Douglas Co. Farm Bureau  
Jounson County Farm Bureau  
Kansas Agriculture Aviation Association  
Kansas Soybean Commission  
Osage County Conservation District  
Pottawatomie County Conservation District  
Saline County Conservation District  
Sedgwick County Farm Bureau  
Wyandotte County Conservation District

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Members of Shirley Steiger's third grade class at Salt Creek Valley Elementary, Leavenworth County, pose with Pattie Reece, Mid-America Association of Conservation Districts Chairperson. Reece is holding the 1990 Achievement Award presented Steiger for her work in conservation education. The class produced Steiger's original play, *Gone With the Wind*, which she wrote during her participation in the 1989 KFAC Kansas City Summer Course.





\$250 - \$499

American Royal Association  
Bank IV/Fourth Financial Corporation  
Cargill Corporation  
Citizens for Safe Water  
Cowley County Farm Bureau  
Dillons Stores  
Douglas County Conservation District  
Farmland Industries  
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Jackson County Agri-Women  
Jackson County Conservation District  
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Sharp Brothers Seed Company  
Shawnee County Conservation District  
Shawnee County Farm Bureau  
Southwest Kansas CattleWomen  
Stanton County Farm Bureau

(more Cash Donors page 10)

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\$100 - \$249

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Gove County Farm Bureau  
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Linn County Conservation District  
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Northwest Kansas Production Credit Association  
Pottawatomie County Farm Bureau  
Riley County Conservation District  
Seward County Conservation District  
Seward County Farm Bureau  
Wabaunsee County Conservation District  
Wabaunsee County Farm Bureau  
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\$3 - \$99

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Administrator

Carolyn Farris  
Dana Thomson  
Student Assistants

Bluemont 124, KSU  
Manhattan, KS 66506  
913 532-7946



# 1990 Financial Report

## January 1, 1990 - December 31, 1990

	Beginning Balance	\$9,349.11
Income		
Donations	\$24,410.79	
Sales of Materials (software, teaching units, curriculum guides)	1,877.96	
Miscellaneous (interest, reimbursements)	937.78	
State Matching Grant (based on \$30,000 per fiscal year)	31,474.50	
	Total Income	\$58,701.03
Expenses		
Summer Course (scholarships, expenses)	\$18,153.12	
State Fair (supplies, travel, assistant fee)	1,404.06	
Curriculum Development (Farm and Food Bytes, curriculum guide printing)	1,397.50	
Communications (newsletter, phone, postage)	5,183.99	
Programs (presentations travel, meeting registrations)	1,166.04	
Office Supplies (copying, supplies)	748.10	
Salaries (administrator, student assistants)	35,739.11	
Miscellaneous (bank charges, business expenses)	880.92	
	Total Expenses	\$64,672.84
	Year-End Balance	\$3,377.30

# Integrating Agriculture into the Classroom

## Summer Courses for Teachers

Ft. Hays -- June 4-14, 1991  
Kansas City -- June 24-July 5, 1991  
Manhattan -- July 8-19, 1991  
Wichita -- July 15-26, 1991

### Sponsored by the Kansas Foundation for Agriculture in the Classroom

**What Is This Class?** During the two weeks, teachers are exposed to a variety of agricultural topics. Lectures, field trips and projects show how the food chain touches each person's life.

The instructors are ag educators, producers, researchers, processors, marketing specialists, teacher educators and others. Rather than just teaching you about agriculture, they will help you integrate this information into the classes you now teach. The course will provide hands-on experience for integrating agriculture into all subject areas. The information is not designed to be taught as a separate class.

The Hays course will be based on or near the Fort Hays State University campus, the Manhattan course will be based on the Kansas State University campus, the Kansas City class at the Farmland Industries Research Farm north of Bonner Springs and the Wichita class on or near the Wichita State University campus.

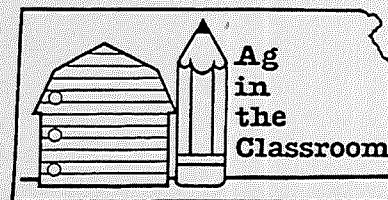
**What's Required?** In addition to taking an active part in the course, each teacher is required to develop a teaching unit for his/her class. A list of agricultural subjects will be provided for selecting topics. These units will then be made available to other teachers so they can also integrate agriculture into their classes. Each teacher is also required to give an in-service presentation within two years of the course and to report back to their scholarship sponsor.

**Who May Enroll?** Since class size must be limited, teachers are selected through application by the Kansas Foundation for Agriculture in the Classroom. Each teacher selected receives a scholarship to cover tuition. The scholarships are sponsored by agribusinesses, ag organizations, foundations and others who support the program.

**What Do I Get?** In addition to three hours of graduate credit, teachers receive challenging and exciting educational experiences. Each also receives a curriculum guide and many educational resources plus ideas for a multitude of projects and activities for integrating agriculture into all K-12 curricula. Credit for the Manhattan and Kansas City courses will be from Kansas State University -- 2 hours Agriculture and 1 hour Education. The Wichita course offers 2 hours from the Wichita State University Education and 1 hour Kansas State University Agriculture. Hays credits will include 1 hour Ft. Hays Education, 1 hour Ft. Hays Agriculture, and 1 hour Kansas State Agriculture.

### How Do I Find Out More?

Kansas Foundation for  
Agriculture in the Classroom  
Bluemont 124, Kansas State University  
Manhattan, KS 66506 (913) 532-7946





# Integrating Agriculture into the Classroom

## 1991 Summer Course Application

Deadline for application: April 1, 1991

Name \_\_\_\_\_

School \_\_\_\_\_

Grade/Subjects \_\_\_\_\_

School Address \_\_\_\_\_

City \_\_\_\_\_ State/Zip \_\_\_\_\_

School Phone \_\_\_\_\_ County \_\_\_\_\_

Home Address \_\_\_\_\_

City \_\_\_\_\_ State/Zip \_\_\_\_\_

Home Phone \_\_\_\_\_ County \_\_\_\_\_

Feel free to use additional pages to complete this application.

1. Indicate your concept of an integrated curriculum and specify your experience in using an integrated curriculum.

2. Why do you want to integrate agriculture into your teaching?





7. Is the course to be used for a graduate degree, recertification or personal professional development?

8. The foundation requests that you report to the group sponsoring your scholarship in written form and with a presentation to the board of directors or at an annual meeting. Please indicate how you might meet this obligation.

9. To which course are you applying?

Hays--June 4-14 \_\_\_\_\_

Manhattan--July 8-19 \_\_\_\_\_

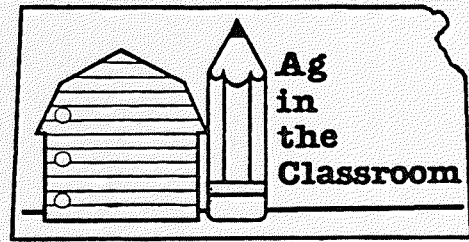
Kansas City--June 24-July 5 \_\_\_\_\_

Wichita--July 15-26 \_\_\_\_\_

Please call if you have questions about the course. Deadline for applications is **April 1**.

Kansas Foundation for  
Agriculture in the Classroom  
Bluemont 124, Kansas State University  
Manhattan, KS 66506  
(913) 532-7946

# Ag-Citing News



...for teachers from the Kansas Foundation for Agriculture in the Classroom

Winter 1990-91

## *Four Courses Scheduled for Summer 1991*

KFAC Summer Courses on Integrating Agriculture Into the Classroom will expand to four in 1991 as a course is being added in **Hays June 4-14**. Classes will also be in **Kansas City June 24-July 5**, **Manhattan July 8-19**, and **Wichita July 15-26**.

The two-week courses provide teachers K-12 with broad exposure to agriculture as well as guidance on integrating that information into their regular classroom subjects. Speakers, field trips and hands-on activities cover the food chain from production through processing and distribution. Each teacher develops a unit for use in his or her own classroom. (See related story below.)

Past enrollees have said, "This course is unlike any other I've ever taken." "For me its the best workshop ever!" "No words can express what I learned and all it encompasses!"

Participants earn three hours graduate credit. Enrollment is limited to 25 per class and applicants are screened by a KFAC committee. Teachers selected receive a scholarship to cover cost of tuition.

Applications for the 1991 courses are due April 1. Contact the KFAC office to apply:

KFAC  
Bluemont 124  
Manhattan, KS 66506  
913 532-7946

## *KFAC Summer Course Grad Wins Award*

We all know that *Gone With the Wind* has always been an award winning piece of work, but did you know it was conceived and born in a KFAC Integrating Ag summer course? No, not *Gone With the Wind*, the movie classic -- this one is the conservation melodrama written by Shirley Steiger, 3rd grade teacher at Salt Creek Valley School, Leavenworth County.

Steiger, a participant in the 1989 summer course in Kansas City, wrote the play to help her students learn about good conservation practices. This resulted in her receiving the 1990 Conservation Achievement Award from the Mid-America Association of Conservation Districts, an organization made up of ten Missouri and Kansas counties.

*Gone With the Wind* features Darrell, Larry and Larry, three brother farmers losing their land to erosion. A complete cast of "erosion bad guys" and "conservation good guys"  
(continued page 3)



Shirley Steiger, KFAC Summer Course Grad, receives her award from Pattie Reece, Chairperson for Mid-America Association of Conservation Districts



## *KFAC Experiences Staff Changes*

Changes have occurred with the Kansas Foundation for Agriculture in the Classroom since the last issue of the Ag-Citing News in Spring 1990. **Becky Vining Koch**, KFAC Administrator at that time, resigned to move to Fargo, North Dakota with husband Kim and his new job as milling head with Northern Crops Institute. She is currently doing freelance agricultural communications work. This has included the writing of the newest edition of the National FFA *Food for America* materials (see related story within) as well as some writing for the North Dakota Wheat Commission.

The Foundation hired **Sharon (Sargent) Tally** as new Administrator June 1, just in time to conduct the summer *Integrating Agriculture Into the Classroom* courses.

Tally came to the position with practical experience in agriculture, non-profit organizations and Cooperative Extension. A Riley County native, she went to Decatur County in Northwest Kansas as County Extension Home Economist in the mid-60s after graduating from Kansas State University with a B.S. in Home Economics. There she met and married

a farmer, eventually "retiring" from professional Extension work to be a full-time farmer/farm wife and mother of two daughters. Following her husband's death in 1980 she farmed and worked for ACAAK, a state-wide arts non-profit, before returning to K.S.U. to earn a Masters degree in Adult Education. While completing her studies she worked with the Single Parent/Displaced Homemakers Program.

She stated, "I thoroughly enjoy working with Ag in the Classroom as it focuses on many of my personal interests and allows me to use the skills I've acquired. I'm really looking forward to working with this program."

This period has also seen changes in the student worker staff. In the office during the summer was **Danette King**, Jetmore, a Junior in Animal Science & Industry Communications. Danette is now serving as an Intern with Kansas Farm Bureau. The fall semester brought two new students to the staff: **Dana Thomsen**, rural Winfield, a Junior in Agricultural Journalism, and **Carolyn Farris**, a Sophomore in Elementary Education from rural Ottawa.

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### *Adopt-a-Classroom*

Being adopted by a Kansas farm family can lead to all sorts of things. Classes can experience pen pal activities throughout the school year, getting to know a farm family and their farming activities during many seasons.

To benefit from the advantage of an ongoing year-long activity, classroom teachers need to apply to KFAC in the spring. Hopefully, adoptions can then be made soon enough to get things started early in the fall.

To put your next year's **classroom up for adoption**, or to become an **adopting farm family**, contact KFAC for an application form.

KFAC  
Bluemont 124  
Manhattan, KS 66506  
913 532-7946

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### *New KFAC Members, Officer, Directors*

KFAC Annual Meeting Oct. 25  
Brunswick Hotel, Lindsborg, Kansas.  
Elections Results

#### New Foundation Members

**Sue Blubaugh**, Haven farm producer;  
**Diane Gruver**, Lawrence, Kansas Cooperative Council;  
**Barbara Havlicek**, Manhattan, KSU College of Education;  
**Albie Rasmussen**, Randolph, agriculturalist and educator;  
**Larry Parker**, Manhattan, Citizens Bank and Trust.

#### New Officers and Directors

**Larry Parker**, Manhattan - Treasurer  
**Richard Grant**, Osawatomie - Director  
**Linda Gutsch**, Goodland - Director



## The FFA, Bringing Ag to the Classroom

Who better to bring ag to the classroom than members of one of the foremost youth ag organizations, the FFA? This nation-wide group of young high school men and women combine leadership and public presentation activities with daily involvement in agricultural production and agribusiness.

One way FFA works with grades 1-6 is through the *Food For America* program. These national materials have just been updated, rewritten by **Becky Koch**, past KFAC administrator, with new design and illustrations. This program is designed:

- 1) to help elementary students discover the exciting world of agriculture and appreciate how it affects their lives, and
- 2) to help teachers reach their students through the practical, tangible and appealing medium of agriculture.

In the classroom *Food For America* might include part or all of the following resources:

1. A presentation by FFA members to kick off class ag studies.
2. Specially-designed interdisciplinary educational materials for use by the presenting organization and/or the classroom teacher. These include more than 80 pages of teacher information and student worksheet copy masters. These are organized in units covering various subjects for Primary (1-3) and Elementary (4-6) grade levels.
3. A tour of a working farm or local agribusiness.
4. A follow-up visit by the FFA to answer questions.

Contact the FFA and ask about the **new Food For America** program.

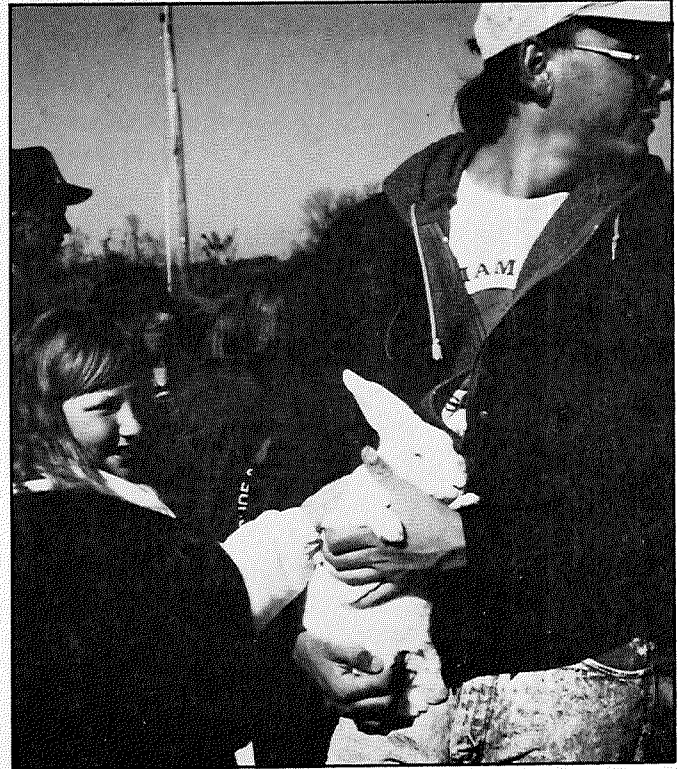
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### (Gone With the Wind - cont. from page 1)

convey important messages in ways that are interesting, meaningful and within the capabilities of third grade students. Stieger credits the melodrama activity as being a great builder of inner-confidence and self-esteem for individual class members.

In addition to presenting the play for other classrooms, Stieger's students have taken their show outside the school several times. They will take it on stage for the Leavenworth Conservation District Feb. 9.

***Gone With the Wind* -  
An activity for AgWeek '91 - see pages 6-7.**



**FFAer shares a rabbit with a visiting third grader**

At least one FFA chapter in the state has been helping educate Kansas City area third graders about agriculture with a *Day On the Farm*. This past fall Williamsburg FFA, under the direction of Advisor **Lee Weis**, hosted their fifth annual event. Eight presentations on a rotating basis around the farm yard provided broad ag exposure to over 520 youngsters. School district administrators pitched in to grill hamburgers and Pomona-Williamsburg FFA members served lunch in front of the farm house. Ag in the Classroom, the Franklin County Farm Bureau and others provided hand-outs to students and teachers.

Weis feels the Williamsburg *Day on the Farm* has grown about as big as his group can handle. Hopefully more FFA chapters will try this rewarding activity in their areas. It's an effective way to bring together knowledgeable ag youth with students prime to learn ag basics, an experience beneficial to all concerned.

Contact the FFA chapter advisor and officers in your school district to see what they might be doing to help alleviate agricultural illiteracy. If there isn't a chapter in your district, check with neighboring districts, or call **Mary Kane**, Kansas FFA Executive Secretary, 913/532-6424 to locate the chapter nearest you.



## 1990 Ag Yearbook - A New Resource

**Americans in Agriculture - portraits of diversity**, the 1990 Yearbook of Agriculture, is about people--their jobs, their lives, their goals, and their families. This collection of portraits of real working agri-people helps readers come face-to-face with the realities of America's agriculture today.

The six sections present numerous vignettes of the many involved in our food and fiber industry.

Part I Facts and Figures

Part II Farming

**Joe Jagger**, north-central Kansas wheat farmer is one of 16 farming individuals written up in this section.

Part III The Business of Agriculture

One of those featured here is Kansas banker **Murray Lull**, from Smith Center.

Part IV The Science of Agriculture

Part V Education: The Future of Agriculture  
*The article on Ag in the Classroom includes quotes from **Becky Koch**, past KFAC Administrator, and **Loreen McMillan**, KFAC Board Member.*

Part VI Government Serving Agriculture

The 60+ two- and three-page articles, with numerous photos and written by ag communications professionals from across the nation, have the flavor of good journalistic feature writing. Though most appropriate for upper elementary levels and higher, there is something for everyone.

U.S. Congressmen have some copies for free distribution or copies may be purchased for \$10 from:

Govt. Printing Office  
941 N. Capital Street NE  
Washington D.C. 20402

County Extension Offices should have the yearbook on their resource shelves for viewing.

### NEW RESOURCES

#### **Kansas in the World**

\* A joint project of University of Kansas School of Education and Kansas State Board of Education

\* Lessons designed on concept of interdependence of Kansas with the world

\* Upper elementary, middle, junior and senior high

\* Five units (over 250 total pages)

1. Understanding Global Interdependence
2. Kansas in a Global Economy
3. KANSAS FEEDS THE WORLD
4. Kansas Business in a World market
5. Your Community and the World

\* Emphasizes student involvement

\* Limited number of copies of final draft available NOW free from:

Richard Leighty  
Social Studies Specialist  
KS State Dept. of Ed.  
120 East 10th Street  
Topeka, Kansas 66612

\* Plans call for final printed copies to be distributed to districts and to be for sale in spring or summer 1991

\* Workshops and in-services will be available.

#### **Lesson Plans -**

#### **The Census of Agriculture**

\* 4 lessons featuring the Food and Fiber Sector based on data from 1987 Census of Agriculture

\* Available free from:

Quentin Coleman  
Room 436, Iverson Mall  
Agriculture Division  
Bureau of the Census  
Washington, DC 20233

\* Include Name of County -

Sheets of local data will be included.

\* Math, social studies subject matter  
Grade level undesignated,

possibly Middle, Jr.-Sr. High

\* Lesson Outlines

I Introduction to Agriculture and  
Agriculture Census

II Production Agriculture

III Agribusiness

IV The Effect of Agriculture on  
Community Characteristics

**Becky Vining Koch** and **Dr. Jerry Horn** were awarded the KFAC Golden Apple in October for their past efforts.

What do you have if you have 100 mama pigs  
and 100 daddy deer?  
**200 sows and bucks (\$200,000)**



## 1990 Kansas Foundation for Agriculture in the Classroom Donors

The Kansas Foundation for Agriculture in the Classroom wishes to acknowledge the many organizations and individuals who supported the program in 1990 with cash donations. Through their generous support they joined with the Foundation in reaching Kansas teachers and students with programs concerning the importance of agriculture to each and every American.

American Royal Association	Anderson County Farm Bureau	Atchison County Young Farm Wives
Jack Beauchamp	Bank IV/Fourth Financial Corporation	Butler County Conservation District
Cargill Corporation	Citizens For Safe Water	Marvin Clark
Cowley County Farm Bureau	James and Helen Cubit	Senator Norma Daniels
Dillon Stores	Douglas County Conservation District	Douglas County Farm Bureau
Farmway Coop	Federal Land Bank of Colby	Farmland Industries
Franklin County Farm Bureau	Franklin County Conservation District	Geary County Conservation District
Grant County Farm Bureau	Greenwood County Cattlewomen	Grove Harvest Grange
Gove County Farm Bureau	Dane G. Hansen Foundation	Jackson County Conservation District
Rich Hagar	Jackson County Agri-Women	Jefferson County Pomona Grange
Senator Sheila Frahm	Johnson County Farm Bureau	Kansas Beef Council
Kansas Soybean Association	Kansas Wheat Commission	Kansas Wheathearts
Kansas Cattle Women	Kansas Extension Homemakers Coun.	Kansas Agricultural Aviation Ass'n.
Kansas Soybean Commission	Kansas Sheep Association	Kansas Grain Sorghum Commission
Kansas Corn Commission	Kansas Cooperative Council	Kansas Livestock Association
Kansas Pork Producers Council	Kansas Pork Council Women	Kansas Association of Wheat Growers
Kansas Agri-Women	Lane County Conservation District	Leavenworth County Farm Bureau
Barb Moyer Meyer	Linn County Conservation District	Leavenworth Co. Conservation Dist.
Mobay Corporation	Miami County Farm Bureau	Marshall County Conservation District
Sen. Don & Mary Montgomery	Miami County Conservation District	Montgomery County Farm Bureau
Pawnee County Farm Bureau	Northwest Kansas Production Credit	Montgomery Co. Conservation Dist.
Osage County Farm Bureau	Osage County Conservation District	Pottawatomie Co. Conservation Dist.
Richard and Linda Reinhardt	Pottawatomie Co. Farm Bureau	Reno County Conservation District
Reno County Farm Bureau	Riley County Farm Bureau	Republic Co. Pork Prod. & Porkettes
Riley Co. Conservation District	Mr. and Mrs. Sonny Rundell	Saline Co. Conservation District
Senator Don and Norma Sallee	Scott County Cattlewomen	Scott Co. Conservation District
Sedgwick County Farm Bureau	Seward County Farm Bureau	Seward Co. Conservation District
Sharp Brothers Seed Co.	Shawnee County Farm Bureau	Shawnee Co. Conservation District
Cecil and Pat Vining	Southwest Kansas Cattlewomen	Soil & Water Conservation Society - Pony Express Chapter
Nancy & Richard Spiegel	Stanton County Farm Bureau	Wabaunsee Co. Conservation Dist.
Wabunsee Co. Farm Bureau	Washington Co. Soil Conservation	Wyandotte County Farm Bureau
Woodson County Cattlewomen	Wyandotte County Conservation Dist.	

A **BIG THANK YOU** to these and the numerous supporters who contributed time, effort and material goods to KFAC this year!

## Kansas Foundation for Agriculture in the Classroom

### Officers

<b>Vice Chair</b>	Tim Christian, Salina	<b>Chair</b>	Mardelle Pringle, Yates Center	<b>Recording Secretary</b>	Carolyn Schmitt, Wichita
<b>Treasurer</b>	Larry Parker, Manhattan			<b>Correspond Secretary</b>	Loreen Locke McMillan, Topeka

### Board of Directors

Jack Beauchamp, Ottawa	Altis Ferree, Yates Center	Steve Fisher, Manhattan
Richard Grant, Osawatomie	Linda Gutsch, Goodland	Rich Hager, Salina
Janis Lee, Kensington	Nancy Lindberg, Topeka	Barbara Meyer, Manhattan
Linda Pease, Manhattan	Jo Ann Pottorff, Wichita	Sonny Rundell, Syracuse



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## **AG WEEK - MARCH 18-22, 1991.**

*What an appropriate time  
to include agriculture  
in daily classroom teaching!*

---

The Kansas Foundation for Agriculture in the Classroom (KFAC) has the activity information listed below, adaptable to a variety of grade levels and situations. Some include suggestions for ordering additional materials from other sources.

**\$.05/page** reimbursement for KFAC copy costs is asked.

**To order one or more activity contact:**

KFAC  
Bluemont 124, KSU  
Manhattan, KS 66506  
913 532-7946

**OR**

Contact your county Farm Bureau office. Ask if they can obtain these materials for you.

*Tell us how Ag Week goes for your class!  
We'd love to know!*

---

### ***New Activities - Ag Week '91***

**Hog Humor, Pig Puns & Swine Lines** - A collection of swine humor and pig facts provide fun ways to study hog farming language. 8 pages

**Gone With the Wind** - Shirley Stieger, Leavenworth, received recognition from the Mid-America Association of Conservation Districts for her teaching using this original play. In a melodrama about soil erosion farmers Darrell, Larry and Larry work with Courageous Kurt, the County Conservation Agent and his Soil Agents to defeat Nasty Ned the North Wind and his Erosion Gang. Grades 3-5. 10 pages

### ***Activities Introduced - Ag Week '89***

**Grow Your Own Tree** - Request kits Grow Your Own Tree free to 2nd grades, Trees Are Terrific free to 5th grades, from National Arbor Day Foundation, 100 Arbor Avenue, Nebraska City, NE 68410, phone 402 474-5655. 1 page

### ***More Activities - Ag Week '89***

**Real Dairy Foods** - Instructions for making butter-in-a-jar. 2 pages

**The Power of Food** - Ten foods from the Milk Group are hidden in a Seek-and-Find puzzle. 1 page

**America the Beautiful** - Includes 6 activity sheets on seeds plus instructions for ordering free seeds (for cost of postage and handling) for your class. 8 pages

**Wheat From Field to Food** - Suggested wheat hands-on activities and information on written resources available from the Kansas Wheat Commission. 1 page

**Cattle Are More Than Beef** - By-Products are less known but very important to people. 2 pages

**Getting to the Core** - Uses an apple to demonstrate the earth's top soil for food production. 2 pages

(More activities - next page)



## MORE Ag Week Activities

### Art Projects - Introduced Ag Week '90

**Pasta Leaf** - Using leaves to create a design teaches students about the leaf and its food cycle. Different pastas are used to represent the different parts of the leaf section. 3 page

**Udderly Awesome Painting** - By using balloons filled with primary colors, students can "hand milk" their paintings inside a paper bag. A remarkable combination of Dairy Science and Art. 2 pages

**Where's the Beef** - Making a puzzle of the wholesale areas of a beef animal provides an avenue to discuss the types of beef cuts, where they come from on the animal and what they are called. 2 pages

**Kansas Crops** - Wet painting a drawing of a corn plant or a sunflower introduces students to some common agronomy plants in Kansas. 4 pages

**Two Trees in One** - Teaches positive-negative concepts using black & white paper, scissors and glue. 1 page

**Woolly Lamb** - Yarn glued to construction paper creates sheep that feel real. 2 pages

**Texture Rubbings** - Rubbings of real leaves create visual texture that "feel" rough, smooth. 1 page

**Seed Landscape** - Filling space with an assortment of seeds teaches perspectives. 1 page

**Potato Printing** - Raw food items are used to teach the printmaking process. 1 page

**Brand Prints** - Cattle ranching techniques are mimicked by creating and producing painted brands with pipe cleaners. 1 page

.....  
(clip & mail)

### AG WEEK '91 MATERIALS ORDER FORM

KFAC, Bluemont 124, Manhattan KS 66506

Please send the following Ag Week materials:

Hog Humor - 8 pgs  
 Gone With the Wind - 10 pgs  
 Grow Your Own Tree - 1 pg  
 Real Dairy Foods - 2 pgs  
 The Power of Food - 1 pg  
 America the Beautiful - 8 pgs  
 Wheat From Field to Food - 1 pg  
 Cattle Are More Than Beef - 2 pgs  
 Getting to the Core - 2 pgs

Pasta Leaf - 3 pgs  
 Udderly Awesome Painting - 2 pgs  
 Where's the Beef - 2 pgs  
 Kansas Crops - 4 pgs  
 Two Trees in One - 1 pg  
 Woolly Lamb - 2 pgs  
 Tecture Rubbings - 1 pg  
 Seed Landscape - 1 pg  
 Potato Printing - 1 pg  
 Brand Prints - 1 pg

Enclosed is \$ \_\_\_\_\_ (\$.05/page) to cover copy and mailing costs.  
or

Please bill me at \$.05/page to cover copy and mailing costs.

NAME \_\_\_\_\_ SCHOOL \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY/STATE/ZIP \_\_\_\_\_

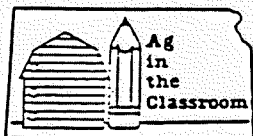


Ardyth Steckly, Hutchinson, demonstrates a teaching unit activity at '90 Wichita summer course.

## Dates to Remember

- March 18-22 Ag Week '91
- April 1 Summer Course Applications Due (accepted until classes are full)
- April 11 KFAC Board of Directors Meeting
- May 1 1991 Adopt-a-Classroom Application Due
- June 4-14 Hays Summer Course
- June 13 KFAC Board of Directors Meeting
- June 24- July 5 Kansas City Summer Course
- July 8-19 Manhattan Summer Course
- July 15-26 Wichita Summer Course
- August 15 KFAC Foundation Goal Setting Meeting
- Sept. 6-15 Kansas State Fair

Kansas Foundation for  
Agriculture in the Classroom  
Bluemont 124, KSU  
Manhattan, KS 66506



Non-Profit Orgn.  
U.S. Postage  
Paid  
Permit No. 19  
Manhattan, KS  
66502

### Funding

Private donations continue to increase. More KFAC projects will be proposed for specific funding from various organizations, corporations and foundations.

To learn more about KFAC,  
how to participate  
or contribute to the program,  
contact:

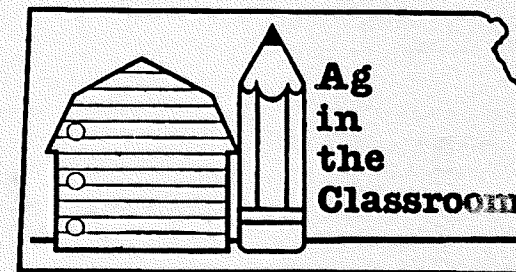
Sharon S. Tally, Administrator  
Kansas Foundation for Agriculture in the Classroom  
Bluemont 124, Kansas State University  
Manhattan, KS 66506  
913/532-7946

or

Mardelle Pringle, KFAC Chairman  
Route 1  
Yates Center, KS 66783  
316/625-2098.

2/91

## *Kansas Foundation for Agriculture in the Classroom*



### *Activities UpDate*

*Bluemont 124  
Kansas State University  
Manhattan, Kansas 66506  
913/532-7946*

1-26



*Kansas Foundation for  
Agriculture in the Classroom*

**UPDATE**

**The Kansas Foundation for  
Agriculture in the Classroom**

The Foundation is made up of agricultural organization leaders, farmers, educators, legislators and others who work together to help teach children about agriculture. Rather than teaching separate classes, the Foundation helps teachers integrate information about agriculture into regular math, science, social studies, language arts and other classes. This interdisciplinary approach helps young people have a better understanding of their food and fiber and Kansas No. 1 industry.

**Ag-Citing Experience at the Kansas State Fair**

More than 1,350 children learned about agriculture at the 1990 fair through this experience. Students visited ag-related exhibits to answer questions on activity sheets. They were then rewarded for what they learned with prizes donated by ag organizations and businesses. Additional students took home sheets. More than 240 children took part in mini-classes; some of these were conducted by Astronaut Steve Hawley. About 500 teachers received packets. A kit for a similar Ag-Citing Experience at county fairs is available from KFAC.

**Summer Courses for Teachers**

A total 78 teachers took part in the two-week *Integrating Agriculture into the Classroom* courses in 1990 at Manhattan, Kansas City and Wichita.

Four courses are scheduled for 1991:

Hays	June 4-14	Kansas City	June 25-July 5
Manhattan	July 8-19	Wichita	July 15-26

In addition to learning about various areas of agriculture and how they can use that information in their classes, summer course teachers develop a teaching unit that is shared with other teachers across the state.

Scholarships from various ag organizations, agribusinesses, foundations and interested individuals make this program possible for the teachers.

**Adopt a Classroom Program**

Farm families teach children about life on their farms through correspondence with a class. Letters, photos, crop samples and much more can be shared. The students can in turn write letters back to the family or essays about what they've learned about agriculture. A highlight might be a trip to the farm. So far this year, about 60 classes have been adopted.

**Ag Week Activities**

The Foundation helps volunteers and teachers take agricultural activities into classrooms during Ag Week in March. The 1991 program will feature a melodrama, art projects and activities related to agriculture. KFAC will ask Gov. Joan Finney to proclaim March 18-22, 1991, as Agriculture in the Classroom Week in Kansas.

**Resource Library**

A library of teaching units, audiovisuals, resource materials, posters and other educational materials provides information to teachers. A phone call or note to the KFAC office can lead a teacher to a variety of resources on various agricultural topics at different grade levels.

**Newsletters**

The *Ag-Citing News* newsletter is mailed to teachers on the KFAC mailing list plus every school library media specialist in the state to update teachers about how to integrate agriculture into their classes. News about resource materials, teaching units, computer software and KFAC programs are included in each semester's newsletter that reaches more than 3,000 contacts.

**In-Service Training**

The KFAC Administrator and Foundation members plus teachers who take the summer course conduct in-service training for teachers to share how to integrate agriculture into their classes and resources available. Plans call for in-service training about the Farm and Food Bytes computer software and Integrating Agriculture activities.

1-27



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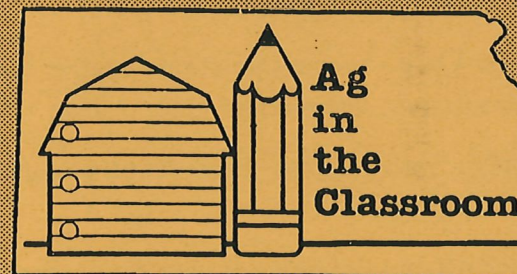
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What an appropriate time  
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*Kansas Foundation for  
Agriculture in the Classroom*

*Bluemont 124, KSU  
Manhattan, Kansas 66506  
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