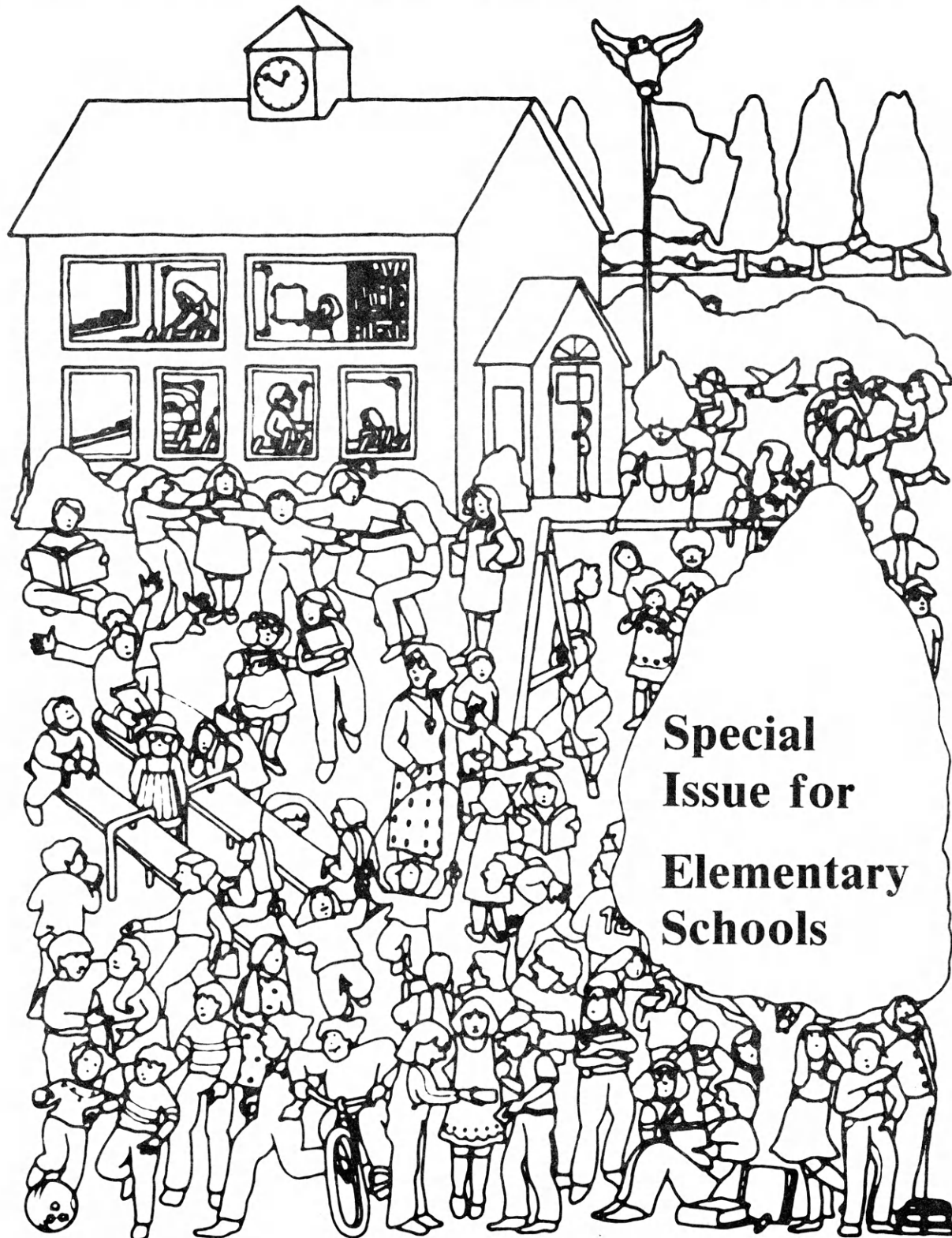


Kansas 4-H Journal

The Family Magazine

August 1982



**Special
Issue for
Elementary
Schools**

Enthusiasm "growing" for gardening

In the case of Gordon Clark's "Sow & Grow" program, the seed money provided by the Kansas 4-H Foundation was literally "seed" money. Clark, an Extension horticulturalist, used the innovative program grant to supply gardening kits to 250 third and fourth grade students in Columbus, Parsons, Independence and Pittsburg.

The kits contain plastic corsage boxes (which are used as mini-greenhouses), peat pellets, cherry tomato seeds, a teacher's guide, three worksheets and growing instructions—everything needed for each student to take home six tomato plants.

Clark contacted school principals in the four counties he serves to ask if they'd like to participate in the program. "I had more responses than I had kits," he said.

The kits are so complete that the teacher has everything he or she needs to get the kids started. Because of the growing season, the program was launched in late spring and lasted about six weeks.

The kits prompted several schools to ask Clark to come to the

classroom as a follow-up. Clark says, "in one classroom I was barged with questions for two hours."

"It was terrific. The kids are really enthused about having their own plants. They're at that perfect age when they are inquisitive and eager to learn."

A note from one of the students, Todd Bishop, was a typical response. "Thank you for the tomato seeds, they are interesting to watch grow, how they steam up in the greenhouses you gave us. Another thing I enjoyed was watching the peat pellets swell in the water. We took our plants home several days ago we took them in milk cartons from lunch. Thanks alot for these three gifts. Your friend, Todd Bishop."

Since the distribution of the kits Clark also has been asked to organize an Arbor Day activity, demonstrate starting plants from cuttings, and talk to kids about bugs.

He gets a charge out of working with the kids. He has three of his own who love to help in the family



garden. Clark says too many times weeding is the only gardening job parents allow kids to do. That's the worst part.

He recommends showing kids the pleasures of growing plants—let them help with the planting and the harvesting. The three Clark children, Peter—age 10, Lisa—age 5 and David—almost two, enjoy sharing the surplus produce with neighbors. The biggest problem is keeping them from picking the vegetables too soon, he says.

Clark smiles when he talks about the green beans he found growing in the day lily patch. No big deal! Gardening should be fun and pleasurable.

To continue his goal of teaching kids about growing plants, next year Clark has plans for a kit which explores root growth. With some clear plastic pots, which he says he "scrounged," he'll set up an activity to demonstrate root growth in different types of soils.

The purpose of Clark's work with school children is the same as if he were working with traditional 4-H club members. He's educating kids—those who have helped in their family's garden since they were old enough to walk and those who think a squash originates in a supermarket.

Editor's Note: Clark will be happy to provide one set of grow guides and teacher's guide for other schools interested in starting a similar project. Write to: Gordon Clark, Cherokee County Extension Office, Courthouse, Box 148, Columbus, Kansas 66725.

You're feeling good because your 4-H livestock sold well at the sale after the fair, thanks to a generous buyer. Remember to thank the buyer and also to deposit part of the money in your local

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Kansas 4-H Journal

Volume XXVIII, No. 7

August 1982

COVER: 4-H is expanding to serve a wider range of boys and girls. With the cooperation of school districts, innovative 4-H programs have been introduced to more than 10,000 school-age children in Kansas. Some of the programs highlighted in this issue are Wyandotte County's bee program (pgs. 10 & 11); Labette County's youth and the law program (pgs. 6 & 7); and the Sow and Grow program (page 2).

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Joys of the county fair

By Sara C. Gilliland, Editor, Kansas 4-H Journal

I'll be going home to my county fair again this year — it's like going back for a family reunion. I still go back to the fair because I always see people I haven't seen since last year's fair and I like to look at the exhibits — especially those made by people I know.

But being a spectator at a fair and being a participant are two entirely different things.

Fairs are just like everything else — when you put something in you get more out of it. It's fun to go and watch but it's more fun when you get involved. Marcia McFarland, state 4-H and youth specialist, says it's the same way with meetings — people who participate in a meeting will rate the meeting higher than those who just listen.

When I go to a fair I always compare it to my memories of being a fair exhibitor. When I look at the baked goods I remember the times my Dad walked by the mixer bowl full of chocolate cake batter and dropped in a few raisins — just to tease me. I also remember loading my baked goods in the car and then going back into the house to gather up more exhibits. Meanwhile, the tomcat ate the top of my banana nutbread.

I recall the pride I felt when sitting in the cattle barn on my showbox while spectators filed by to admire the cattle. One year I brought a month-old calf to the fair along with his mother. We built a little pen for the calf. He was the star attraction of the fair. Every child on the fairgrounds had to pet that calf. One asked me, "does he bite?"

The year my Polled Hereford cow won grand champion she promptly laid down in the show ring after the customary slap by the judge. The class wasn't held until late in the afternoon and I had groomed her early in the morning. I hadn't allowed her to lay down all day — the poor thing was exhausted.

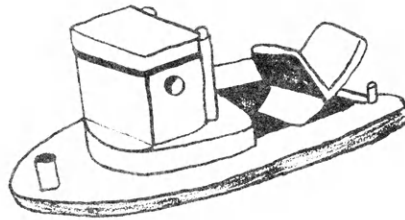
I wrote several public style review scripts while sitting on the show box in the barns. My Mom typed one of the scripts for me and evidently added a little spice. She slipped in "isn't he the most!" at the end of the narration describing a teen-age boy. I read it aloud during the show before I realized what I'd said. I was so embarrassed — but the crowd really had a good chuckle.

The fair was a family affair at our household. We worked together preparing, entering, reviewing the results and planning for the next year.

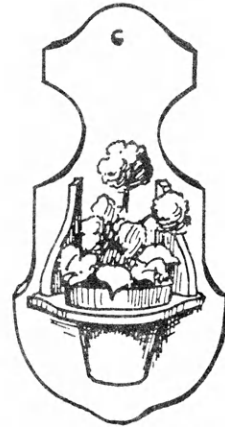
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State 4-H dairy winner saves the family farm

“That was a lot of money and responsibility to put on a kid’s shoulders.”

By Kathleen Ward
Assistant Extension Editor, 4-H and Youth

A year and a half ago his mother walked out the front door saying, “Don’t call and ask me to come back sooner, because I won’t.” Scott Emig was 16.

Linda Emig was taking Scott’s father, Don, to a hospital hundreds of miles from their Abilene dairy farm.

Scott walked out the back door of his family’s home to face the biggest job he’d ever known—a job his parents sometimes worry made him grow up too soon. But it was the job

he’d wanted. And he did so well that he won the 1982 state 4-H dairy project championship.

Don Emig had kept secret the time early in 1980 when he’d lost consciousness in the hay loft. But he couldn’t ignore the doctors’ later warnings that he’d never farm again and likely would lose 20 years of life if he didn’t have open-heart surgery.

“When Dad returned from heart catheterization at the hospital, the question-and-answer session started in our house,” Scott remembers. “Mom kept saying, ‘How? How? How?’”

The only solution seemed to be to

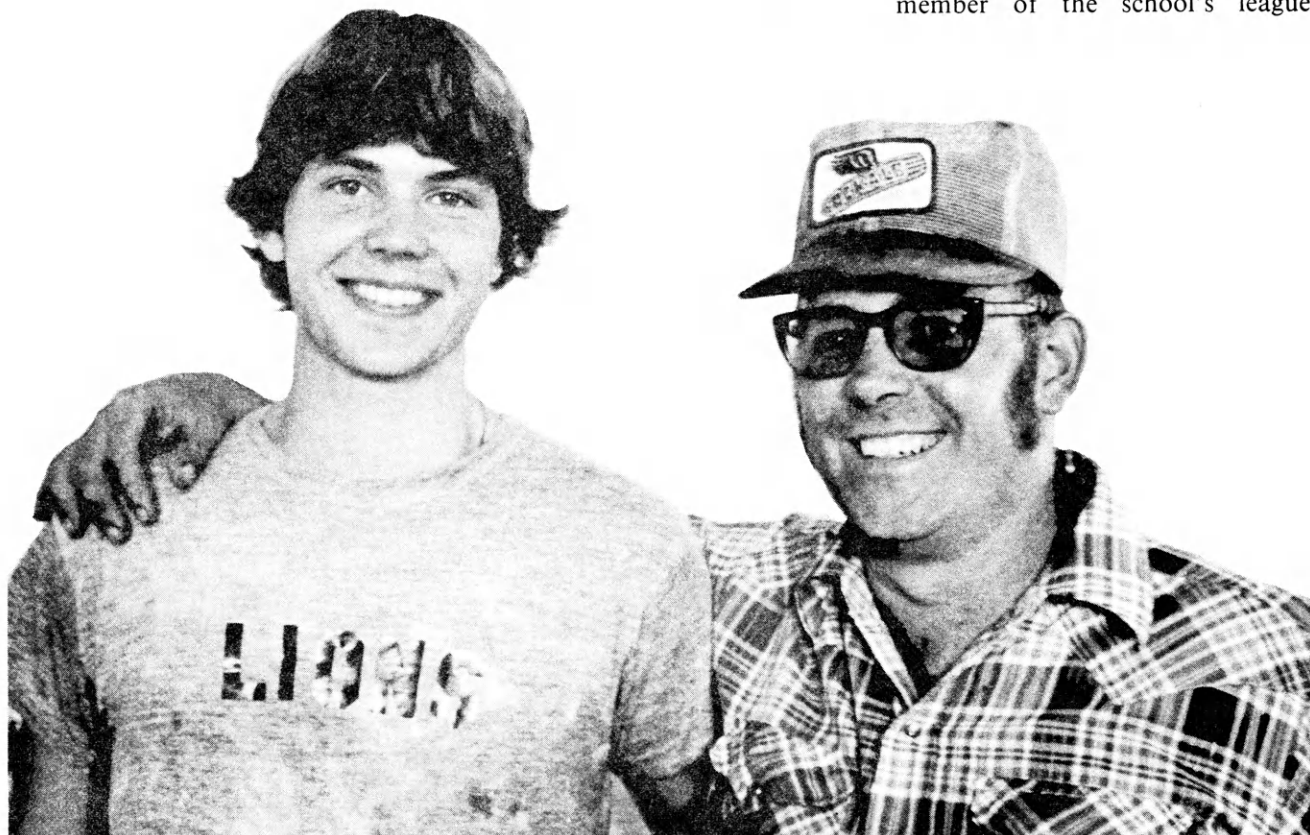
sell their dairy herd and hope someday to get enough capital together to start again.

The Emigs had never quite gauged the extent of their son’s commitment.

“I can run the farm,” Scott said. “No way” was their reply.

“I can do it,” he repeated again and again. “You can’t sell my cows. I worked too hard for them. And it’s almost as easy to milk 50 cows as 12. Dad’s life is more important than cows. I can’t save Dad’s life, but I can do this. Let me try.”

His parents had to remember Scott’s full schedule as a sophomore at Abilene High School and a member of the school’s league



champion football team. He'd signed up for hard work in several 4-H projects and in FFA. He'd never handled all the farm chores or some of the farm machinery.

But Scott had always helped—plowing, feeding, cleaning, milking, getting up night after night to watch calving cows. And whenever he'd said he'd do something, he always did.

"I went to the bank and told them I knew it was unusual to put a 16-year-old's name on a checking account, but that we wouldn't be here to pay bills—for anything," Linda Emig recalls. "They said that was fine. Then I went to talk to the principal and said he'd just have to take Scott's word if Scott had to miss school."

Grandparents came to help watch Scott's 10-year-old sister, Shelly, and to take care of meals.

"I was scared when we left, though," Linda says. "That was a lot of money and responsibility to put on a kid's shoulders."

A heifer almost tore an ear off the first night Scott was alone. Blood was pulsing out in huge spurts when Scott found her. One of his mother's towels quickly became a pressure bandage and Scott found the veterinarian in time to save the cow's ear.

He continued to work on their water heater problem—installing a new heater, flushing pipes with acid, tearing the pipeline apart and cleaning it by hand. The milk inspector had pulled their Grade A permit when the old heater began to malfunction, the day before Scott's father went for surgery.

One evening Scott discovered a heifer in labor.

"I put her in the shed that night," Scott says. "I checked her at 10 and went back out at 1. I was afraid I'd fall asleep, so I stayed. Dad had showed me how to pull a calf one time. I just followed what he'd told me to do."

Family friends helped Scott. Larry Kolling, who had been their Dairy Herd Improvement supervisor, dropped by each morning. Dairyman Ronnie Phillips came every evening and also helped when Scott made the frustrating discovery that one heifer was ready for the artificial insemination Scott didn't know how to do.



Scott Emig kept up the daily farm chores during his dad's recovery period.

But day after day Scott mostly was on his own. He was 15 minutes late for school—once.

Scott continued to work through his father's year-long recovery period and is there now, taking over when Don Emig tires or develops pain in extreme heat or cold.

Through the same time Scott raised runty pigs on whole milk, kept up his 4-H horse project, became his FFA chapter's president and trapped fur bearing animals. He's now beginning work on an old car he bought with profits from his swine project. As a junior Scott has lettered not only in football but also in basketball and track. He's now into baseball season.

Scott doesn't find saving his family's business anything other than what can be expected of an Emig.

His parents are the kind who'll start plowing at 4:30 a.m. so they can finish early enough to watch Scott or Shelly play ball.

"Mom has coached almost every boy in high school in hardball," Scott says. He adds with a grin, "At games you sometimes hear her before the coach. We were out in the huddle last year and one of the guys asked, 'Didn't your mom make it? I haven't heard her.' Then Mom yelled and the guy said, 'All right!'"

His parents also stood behind Scott as he learned dairying. He got his first bank loan and calf at age seven.

"I was so scared, my knees kept bumping into the banker's desk," Scott remembers. "All the way home I cried. The money in my hand was so tear-soaked you could wring water out of it. How could I earn \$314 in six months?"

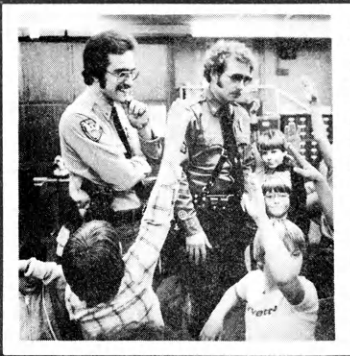
Don Emig explained to little Scott the farmer's need to spend money in order to make money. He offered Scott wages for helping in the dairy and showed him how to record his work time.

"He was super," Scott says. "I knew I wouldn't make \$314, but Dad said, 'Don't worry. I'm behind you.'"

Scott is the 1982 Kansas dairy project award winner, as the result of his project that culminated the year Scott ran the farm. He'll get a trip to National 4-H Congress in Chicago next November and be in competition for a \$1,000 national award scholarship.

He dreams of increasing the family herd to 100 cows and of building a farrowing house for his swine. Because his dad insists on college, however, Scott's decided to major in feed analysis at K-State after high school graduation next year. If he doesn't get a football scholarship, he also plans to try for a team sport as a walk-on.

"You never know if you can do anything until you try it," Scott says. "So you just do it and then worry about it later."



4-H program brings youth and the law together

The old saying "an ounce of prevention is worth a pound of cure" is part of the philosophy behind the Youth and the Law program. It exposes elementary school students to the positive aspects of our legal system, introduces them to the juvenile court system and acquaints them with local law enforcement officials.

In Labette County, the pro-

gram has been going strong for the last three years. Third and fourth grade students in the county's four school districts have completed the four week course.

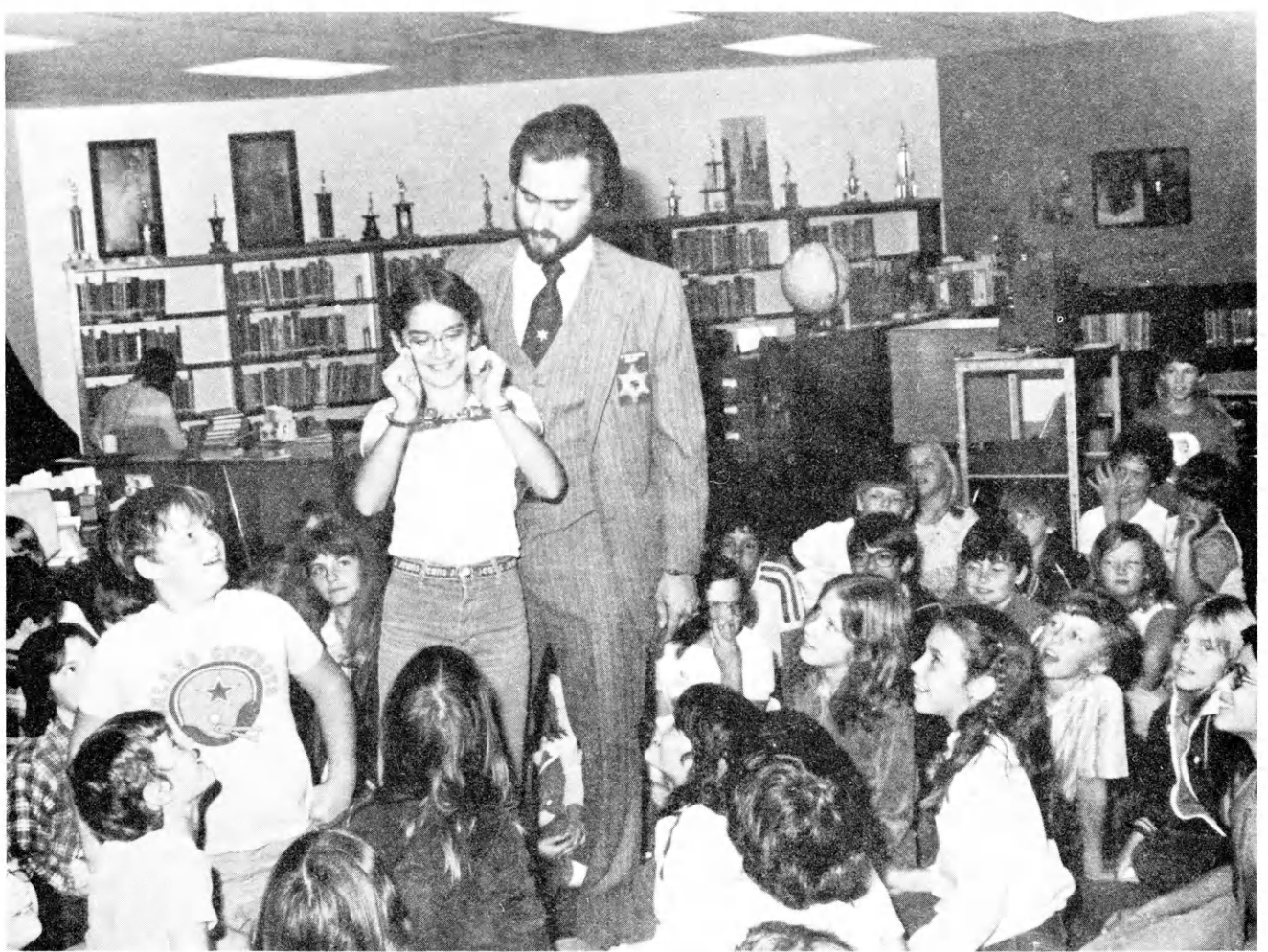
An hour each week is set aside for an introductory film, followed by a group activity which relates to the film. The film series and teachers' and leader's guide booklets are available through

the Cooperative Extension Service, Kansas State University, Manhattan, to any county in Kansas. Two puppet characters, Buz and Murphy, star in the films.

Marvin Anderegg, Labette County Extension 4-H Agent, has taken the extra step to involve local law enforcement officials. "It's a pretty hectic schedule to get the same guest



Judge Dan Brewster set up a mock juvenile court with the students.



Sheriff Tom Bringle handcuffs Sherri Reader.

speakers to four different schools scattered throughout the county on the same day, but having them there adds so much more to the program," says Anderegg.

He recruits legislators to talk about the election process. He arranges for the students to see real election ballots. The legislators also cover the process of how a bill becomes a law.

When the probation officer visits, the discussion centers on what happens if a juvenile breaks the law. Students learn that a juvenile is anyone under 18 years of age—it has nothing to do with being good or bad.

"Some of the laws frequently broken by juveniles are trespassing, shoplifting and vandalism," says Anderegg. Other topics of

particular interest to the students are: laws that deal with children attending school, driving cars or motorcycles and treatment of children by adults.

During one session, Anderegg arranges for a judge to help the class set up a juvenile trial. Students play the role of judge, offender, attorneys and witnesses.

The day the sheriff, police officers or detectives visit, the classroom is buzzing with questions. Students learn that law enforcement officers have many duties in addition to apprehending violators.

The series stresses responsibility to the students—not only for themselves, but for others and others' property. Students learn how to handle the peer pressure

that encourages them to break the law. The four steps are: 1) point out to the person that it is wrong, 2) express that you know it is wrong and you won't take part, 3) explain to the person that you don't want them to do what is wrong and you don't want to get them into trouble, 4) leave if the person still intends to carry out the act.

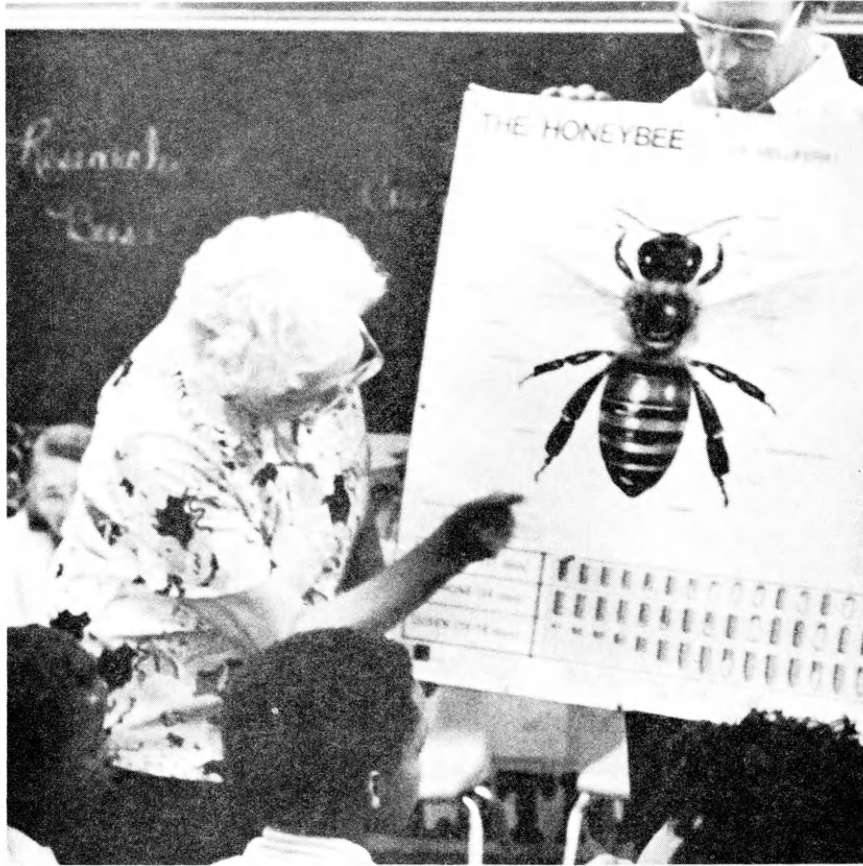
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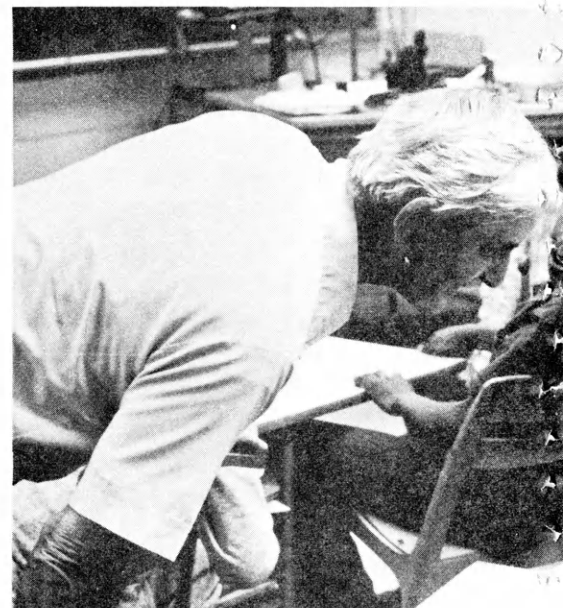
Top Left: Thelma Saxby, Northeast Kansas Beekeepers Association, points out to students the anatomy of a honeybee. Eugene Lanham, Wyandotte County Extension 4-H Agent, looks over the top of the poster.

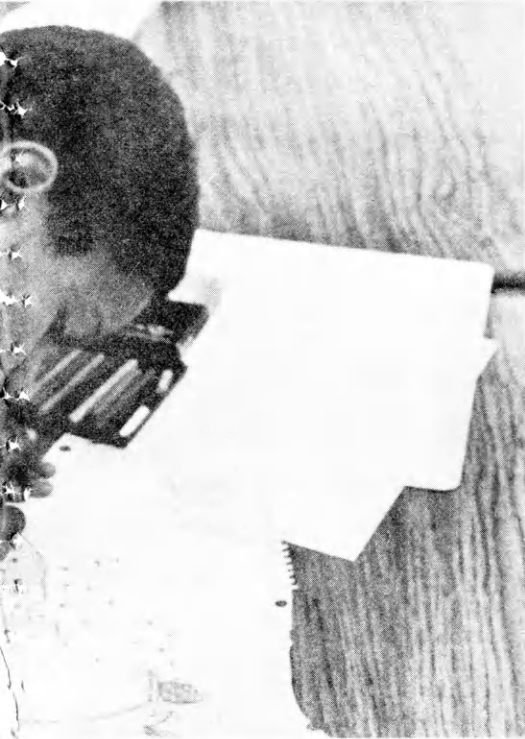
Above: Following the beekeepers' program, one of the students draws his image of the bees.

Right: Thelma Saxby pauses between questions from an enthusiastic audience.

Bottom: Students at Fairfax School give their attention to J.F. Adcock, Bonner Springs beekeeper.

Kansas City classrooms are "buzzing"





Some of the occupants of this city's elementary classrooms quite frankly are drones. Many more are workers. And eight are obvious queen bees, who all wear a painted white circle on their back.

These types came to Kansas City classrooms when Wyandotte County's 4-H council bought eight observation beehives and took them to school.

By the end of May the glass-sided, honey-packed hives faced the scrutiny of about 2,400 youngsters in 115 classrooms.

The bees serve a two-day stint in each class, according to Eugene Lanham, Wyandotte County 4-H agent. Then they're released for a day of R&R and some pollen gathering at an undisclosed site.

They find their way back to their particular prefabricated home by sighting in on the hives' design-covered bases, and then go on to another school.

Lanham and Wyandotte 4-H agent Sheila Gaines tote the bees from class to class. Their bee busing car has no back seat, but all eight hives won't quite fit there. So, one rides with the driver.

"Our biggest problem with the program hasn't been the bees, though," Lanham says. "When we take a hive to a class, the other teachers want to sign up, too. We can't take the bees out in the cold, but we hope to offer the program in Kansas City next fall, as well as next spring."

After that Lanham plans to expand his buzzy idea to other county school districts.

The 4-H council furnishes bee-related slide sets, lessons, color photographs and references for use during the bees' first day in class.

Representatives of the Northeast Kansas Beekeepers Association come the next day, carrying such kid fascinators as smokers, padded gloves, queen bee mailing boxes and a net-draped hat.

"They always ask, 'Do bees sleep?'" says J. F. Ackock, a Bonner Springs beekeeper. "They do."

From there the questions range wide, points out Thelma Saxby, the association's representative who not only rounds up beekeeper speakers but also accompanies them to every school.

"Of course, the little ones always have to tell you their mommy or they got stung by a bee once," Saxby says with a chuckle.

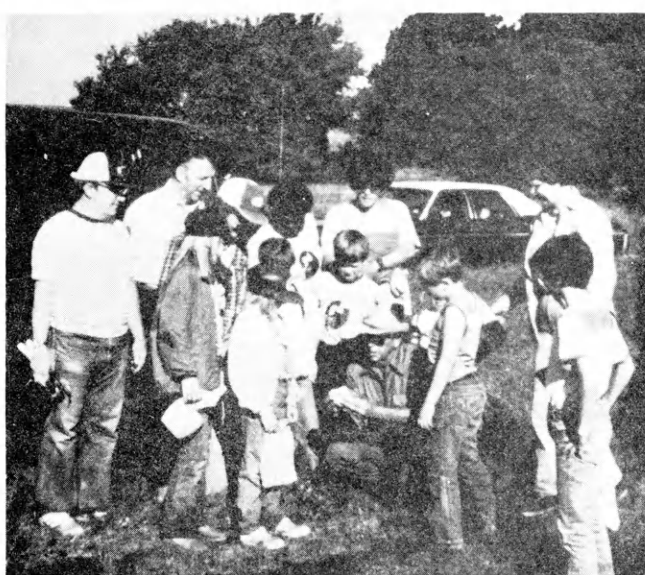
Saxby believes the northeast Kansas association may be the largest beekeeping group in the U.S. Most of its 500 members are hobbyists and most have other jobs. So, finding enough speakers for 115 classrooms has been difficult.

But Saxby is a true believer.

"About 85 to 90 percent of the crops we eat are pollinated by the honey bee," she says. "That's much more important than the fact bees give us honey."

Landham says funds for the beekeeping program came originally from Wyandotte County 4-H supporters and from a Kansas 4-H Foundation innovative program grant.





4-H geologists gather around Herb Queen (kneeling) as he gives instructions for collecting rock and mineral specimens.



Field trip participants explore the ash beds in Gove County.

Ancient history revealed to 4-H geologists

Geologists don't have rocks in their heads — in their minds, maybe. Members enrolled in the 4-H geology project study rocks, minerals and fossils, collect them and learn about the development of life on earth.

A June weekend geology field trip attracted 91 4-H members, parents and leaders to Gove County. Barbara and Bill Warner of Riley County organized the trip after a March leader's training meeting when they saw interest in the project dwindling.

Herb Queen, retired from the Gove County Soil Conservation Service, picked the sites for the participants to visit and was very helpful in identifying the finds and explaining the features of each site.

The participants explored the ash beds that were formed from volcanic ash which drifted from the desert Southwest during prehistoric time. They collected samples at Castle Rock and the Pyramids — two unusual natural rock formations in Gove County.

Part of the fun of this trip was getting to know the other participants. 4-Hers and their families from 20 counties were there. The group camped at the Gove County Fairgrounds — many in campers, others in tents. Mrs. Warner said the group really appreciated the nice facilities — hot showers, electricity and a non-leaky roof.

Two exciting geological finds were made during the trip. One boy found a fossil of a column of 18 vertebrae from a fish. Another member found a very rare crinoid cup that is probably at least 70 million years old. When the land we now know as Kansas was part of a huge body of water, crinoids lived underwater. Crinoids were animals that resembled a plant — they had a stem with a cup on the top which could open and close to collect food.

The broken stem sections still can be found on beaches and are used as beads because they are a round disc which sometimes have a hole in the middle. It is very

rare for the cup part to survive and remain intact.

The group spent Saturday night sharing their experiences and identifying their finds. Mrs. Warner stressed that identifying the specimens by labeling what it is and where it was found is the most important part of collecting.

Besides the rocks, minerals and fossils found, two fence lizards and a bull snake also were captured (the snake later disappeared after last being seen in the Warner's car).

To assist 4-Hers who weren't able to come to this field trip, but who might want to explore the area on their own, the group will make a road log. A road log gives travel directions to the sites, lists the landowners' names, and describes the geological formations at the site.

The trip was such a success that the participants agreed to plan another weekend field trip for next year. They plan to go to southeast Kansas. The dates tentatively scheduled are June 11 and 12, 1983.

Mrs. Warner says Kansas is a great place for 4-H geologists because of the variety of rocks, minerals and fossils.

She talks of brachiopods and brecciated limestone as easily as most people identify gravel. Mrs. Warner learned about geology from her science teacher husband when her children enrolled in the project. She proudly displays in the living room an inlaid wooden box and jewelry that her son made in the lapidary phase of geology. Lapidary work is the cutting, polishing, engraving and mounting of precious or semi-precious stones.

Exposure to the 4-H geology project has influenced several 4-Hers to choose geology as their college major. Geologists are employed in oil and mining exploration, construction of buildings and highways, and studying archaeology and natural phenomena such as earthquakes.

From the Northeast Area:

Johnson County: Kathy Rottinghaus wrote that 34 4-Hers and sponsors got a taste of what Minnesota life is like by attending an out-of-state exchange trip. The trip started June 7 and ended June 14. The exchange students stayed with their host families from Yellow Medicine and Chippewa counties in Minnesota. Most of these hosts had come to Kansas last year on an exchange trip.

Attending from Johnson County were **Dara and Mark Keener, Jeannie, Mike and Susie Koenig, Brad Aust, Stacey Darrell, Lori Rodrock, Mary and David Norris, Tami McNulty, Mindy Russell, Kim and Christy Selby, Denise Levin, Sandra Randall, Jane Maxwell, Jana Grauberger, Kathy Rottinghaus, Randy Ellis, Pamela, Donna and Judy Lies, Carol Russell, Karl Allen, Mellisa Long and Sandy Wyatt.** Five parents served as sponsors—**Mr. and Mrs. Patrick Keener, Mr. and Mrs. Bill Norris and Judy Hadle.**

After a long van ride, the host families greeted the Kansans with a whole hog roast. Other activities during the week included: a tour of the Minneapolis zoo and an evening watching the Minnesota Twins and the Kansas City Royals play baseball. A swimming party and picnic was the grand finale for the group.

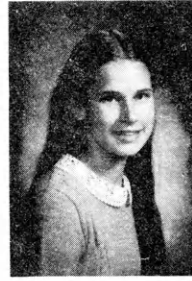
The Kansas 4-Hers worked at the homes and farms of their hosts. They learned a lot about the life and culture of the Minnesota hosts. Their crops include a different variety of vegetables than Kansas crops. Because the soil has rocks that continually wash to the surface, it is necessary to pick up the rocks to keep them from plugging up the machinery. This is all done by hand.

Johnson County: Sixty-seven young 4-Hers participated in a day camp held at Shawnee Mission Park. Leaders and their sessions were: **Carol Stiles,** recreation; **Carol Russell,** health; **Kathy Rottinghaus,** crafts; **Russ Secrest, Tom Linsey and Mike Koenig,** electromagnets; **Jeannie Koenig and Amy McKee,** nutri-bingo; **Susie Koenig,** music; **Don Holtgraver, Leighann Eckhart and C.B. Boswell,** entomology; **Renee Levin and Brian Russell,** clowning; **Mark Keener,** bike safety; **Jana Grauberger,** scavenger hunt; and **Jeanie Koenig,** snacks.

Cloud County: Angela Martin reports that the **Solomon Valley 4-H Club** took part in the Simpson Centennial by serving a buffalo BBQ and running a concession stand. The club members also participated in the Sunday sunrise service and pot-luck dinner.

From the South Central Area:

Harvey County: The **Kellas 4-H Club** is proud of their president, **Elizabeth Wulf.** She was recently judged the national winner in the DAR (Daughters of the American Revolution) Good Citizen competition. An essay, "Our American Heritage and Our Responsibility for Preserving It," counted 50 percent in the judging. For the other half

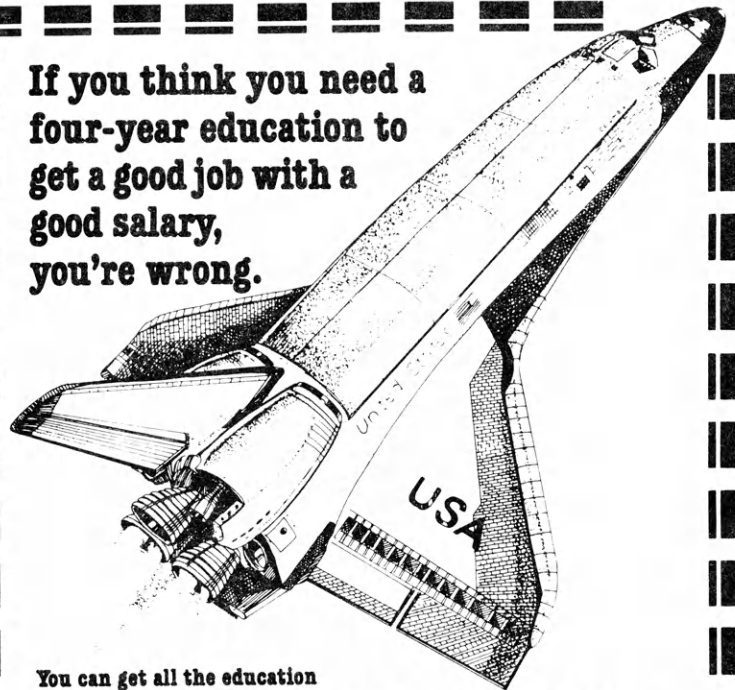


she completed a form with her transcript, her service to her home, church and community, and gave her own definition of the DAR qualities: dependability, service, leadership and patriotism.

Wulf received a \$100 scholarship for being selected state winner, a \$250 scholarship as regional winner, and \$1000, a sterling silver Paul Revere bowl, and an expense paid trip to Washington, D.C. for being declared the national winner. This is the first year that a Kansas student has won the national contest.

(Cont. on page 14)

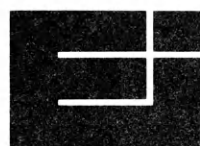
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In her acceptance speech in Constitution Hall before 3000 delegates, Wulf credited 4-H for enabling her to serve in her community, church and home; for teaching her dependability, skills in conducting and organizing meetings and events; and for giving her the opportunities to become a leader.

Elizabeth is valedictorian of the Newton High School senior class. She and Eric Rhoades, a former member of the Kellas 4-H Club, were chosen Outstanding Senior Girl and Boy and received school award medals from the American Legion.

Elizabeth was the Kansas Foods/Nutrition delegate to National 4-H Congress in 1980 and was second runner-up in the national record book judging.

Saline County: LoAnn Quinn says excitement is running high for several Mentor 4-H Club members and their families as they get a taste of different lifestyles this summer. Members are participating in an interstate and an international exchange trip.

Last summer several families in Saline County hosted youth from Illinois 4-H clubs. This summer several Saline County 4-H members are going to Illinois.

Mentor 4-H members who hosted last summer and are going to Illinois are **Jon Brax, Alice Clements and LoAnn Quinn**. A group of 11 Saline County 4-H members and two leaders will travel together.

Three Mentor 4-H families will get a taste of international life as they host youth from Japan. The youth will arrive on July 23rd and leave on August 18th. These families are participating in a Japanese LABO (Language Lab) and a Kansas 4-H exchange program. This summer 115 Japanese youth, ages 12 to 18, and five sponsors will be in Kansas.

Seven of these Japanese youth will be in Saline County. Mentor 4-H families hosting are the **Gary Hammond** family, hosting **Wakako Adachi**, a 13-year-old girl from Fuchu, Japan; the **Loren Loucks** family, hosting **Noriko Ouchi**, a 13-year-old girl from Ashinagun, Japan; and the **Lloyd Quinn** family hosting **Sayoko Inakagi**, a 13-year-old girl from Ashiya, Japan. The families are anxiously waiting to test their communication skills as these girls become a part of their families.

Sedgwick County: Over 200 people attended the **Goddard 4-H Club's** 50th anniversary celebration. Charter members and the first leaders of the club, **Mr. and Mrs. Albert Ottaway**, were each given a Goddard 4-H Club 50th anniversary cup.

Glade Presnal introduced special guests, including **Mr. and Mrs. J.**

Harold Johnson. Johnson was the Sedgwick County 4-H agent when the club started and was helpful in making it a success.

Lauren Champ presented a slide show which highlighted past club activities. Guests were free to browse through a collection of 4-H recordbooks, scrapbooks, 4-H pins and other memorabilia. A fashion show, including clothes worn during the past 50 years, was also part of the program. **Rita Kerschen**, club reporter, sent this news to the Journal.



Enjoying a visit at the 50th anniversary celebration of the Goddard 4-H Club are from left: Mrs. Don Ingle and LaVerne and J. Harold Johnson.

Sumner County: A t-shirt workshop was conducted by **Linda Nease**, Sumner County Extension Home Economist, for clothing project members from the **Milan Dragons** and the **Golden Buffalos 4-H Clubs**.

The first day included a cut-out session in the morning, a foods preparation session conducted by foods leader **Pat Tracy** at lunch time, and a sewing session in the afternoon. Sewing commenced at 9:00 a.m. the next morning, and by noon the girls were modeling their completed t-shirts.

Girls participating in the workshop were **Roseanne Olmstead, Roxann Tracy, Michelle Hill, Jessica Johnson, Rosanna McKee** and **Gayla Large**. The workshop was arranged by clothing leader **Anne Olmstead**, who was also the teacher's assistant.

Learning and fun were combined at a livestock training event hosted by the **Edwin Olmstead** family and the **Milan Dragons 4-H Club**.

The 4-Hers were divided into four groups according to their age and judging experience. The "experts" conducting the sessions geared their presentations to the level of the participants.

Conducting the sessions were: Sheep—**Roy D. Ford**, Sumner County 4-H Agent; Market Steers—**Ed LeValley**,

Sumner County Agricultural Agent; Hogs—**Burke Allen Bringer**, a junior leader from the Hilltoppers 4-H club of Harper County; and Goats—**Rosemary Severson**, a leader from the Conway Springs Cardinal 4-H Club of Sumner County.

Following the animal judging sessions a weiner roast was held. Guests included members and families of the **Conway Springs Cardinals** and the **Hilltoppers 4-H Clubs**. Animals were provided by the following 4-H families: **Burke Bringers, Bill McIntyres, Dean Leddys, Larry Seversons** and the **Olmsteads**.

From the Southeast Area:

Crawford County: The **Farlington Best Yet 4-H Club**, consisting of 30 members, received an award from the Kansas Wheathearts for their participation in the 1982 Bake and Take Day.

Each member took baked goods to a special friend, shut-ins, and elderly neighbors. In addition, the members enrolled in cooking projects made small loaves of bread which were placed on the trays of the Community Meals on Wheels Program.

Lisa Davied, club reporter, says Bake and Take Day was a special way for the club to show their thoughtfulness and concern for their community.

Lyon County: As part of their continuing people-to-people club project, the **Riverside 4-H Club** selected a 4-H grandmother, **Mrs. Gladys Sanders** from Miller. The club members continually correspond with her on special occasions and invite her to share events with the members. **Melissa Johnson**, club reporter, says the club chose the people-to-people project because they wanted to share with others the good feelings developed in their own club.

Elk County: **Brian Clubine** reports that the **Moline Shining Star 4-H Club** invited local law enforcement officers to go on the club's tour. Following the tour a cookout was held at the city lake. The 4-H members performed a skit "What it takes to be a law enforcement officer." The club gave each officer a certificate of appreciation.

Karen Russell

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Jay Wardell, vice president, Beef Industry Council, shows one of the recent beef promotional advertisements to (seated from left to right) Maxine Porterfield, Garden City, CowBelle president; Darren Ehrlich, Leoti and Margo Schecher, Everest, state 4-H meat utilization award winners. Standing from left to right are: Patti Schecher, Everest; Mrs. Bob Schecher, Everest; and John Huston, Meat Board president.

Meat utilization winners tour Chicago

Two state 4-H winners in the meat utilization project, Margo Schecher of Everest and Darrel Ehrlich of Leoti recently spent two days in Chicago visiting the National Livestock and Meat Board. Kansas CowBelle president Maxine Porterfield, Garden City, accompanied the youth.

Each year the Kansas Beef Council awards the two state meat utilization winners and the Kansas CowBelle president a trip to the Meat Board.

Schecher's mother and sister traveled with the group. The Schechers were impressed with the facilities at the Meat Board office.

The day they visited the personnel in the test kitchens were testing recipes from a recent cook-off contest.

According to Porterfield, the trip was extremely educational and informative. "I was impressed with the professionalism of the Meat Board staff," said Porterfield. "It's very encouraging to know that such a high quality staff is working every day to improve the image and demand for the products we produce—beef," continued Porterfield.

While in Chicago the group made stops at Skychef Kitchens which prepares airline meals and the Chicago Mercantile Exchange.



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*Sept. 3 — Jim Stafford & Jeannie C. Riley. *Tickets \$7.50 & \$5.50.*

*Sept. 4 & 5 — Third Annual PRCA Rodeo. Stock contractor Jim Shoulders will be available to sign autographs. *Tickets: Reserve & box seats \$6, General admission \$4, children 16 and under and adults over 65 general admission \$3.*

*Sept. 6 — Tri-State Tractor Pull. Ron Britt, organizer. *Tickets: Adults \$6, children under 12 \$3, and children under 5 free.*

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Sunday, September 12

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Monday, September 13

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Tuesday, September 14

RAY PRICE
with The Masters Five
Wednesday, September 15

BARBARA MANDRELL
with Steve Wariner
Thursday, September 16

ALABAMA
with Janie Fricke
Friday, September 17

JOHN SCHNEIDER
with The Memories
Saturday, September 18

WILLIE NELSON
and Family
Sunday, September 19

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STOCK CAR RACES
Saturday - Sunday - Monday
September 11 - 13

MYRON FLOREN and
JOE FEENEY
Wednesday - Thursday
September 15 - 16

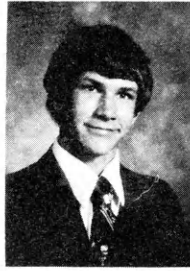
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KANSAS FORD DEALERS

4-H Achievement Award Winners



The 1982 Kansas 4-H achievement award winner in **John Jerome Smith**, Ellis County. Besides his outstanding work in the horse and poultry projects, John has been active on club, county, and statewide committees. He says 4-H has taught him responsibility and respect for people and property. He appreciates the active part his parents, Ronald and Rosemary Smith, have played in his 4-H activities.

1981 County Winners

ALLEN Melinda Setter Alisha Brock Cole Herder Mike Setter	CHEYENNE Larry Finley Deana Knapp Tammy Douthit Roxanne Lebow	DONIPHAN Jacqueline Dorrell Laura Blevins Becky Rice Janet Elliott	GOVE Doris Holaday Lisa Gillespie Lana Tuttle Joy Flora	GRAHAM Rene' Voss Susan Davis	JACKSON Candy Leonard Brenda Rickel Penny Gooderl G. V. Salts	LINCOLN Teresa Panzer Kristi Panzer Sandra Gregg Teri Lyne	MONTGOMERY Carol Blaes Joy Mitchell Donna Smith Rustin Hamilton	PAWNEE Kerry Froetschner Karen Fischer Kimberly Forrest Jason Skelton
ANDERSON Marita Miller Susanna DePoe Juanita Morgan Steven Weatherman	CLARK Vera McMinimy Amber Snell Gisele McMinimy Ashley Rich	DOUGLAS Anita Cleland Jill Schaake Karen Augustus Mark Johnston	GRANT Gena Jones Todd Randles Loretta Torres Troy Sewell	JEFFERSON Jennifer Bigham Susan Stevens Mike McNary Cathy Barnes	JEWELL Cindy Purcell Lisa Langer Marsha Worm Sherri Gardner	LEWIS Deanna Pettijohn Chuck Pettijohn Jay Dee Krull Robertta Lewis	MORRIS Tarah Thomas Jeff Methvin Brent Methvin Shannon Meyers	PHILLIPS Shane Jarvis Sheryl Gaines Corey Imm Leslye Schneider
ATCHISON Bret Eckert Tim Schuetz Shelby Hoobler Kathy Cattrell	CLAY Marvin Fehlman Teddi Burger Derek James Tami Germann	EDWARDS Shane Shanks Anna Neff David Oliphant Darla Craig	GRAY Clarice Richardson Cindy Millershaski Pam Miller Gaylene Holderness	JOHNSON Karl Allen Mark Keener Amy McKee Carol Russell	KEARNEY Vince Koons Beth Kitten Brett Horton Lesli Howerton	LYON Cindy Houck Jill Leeburg Shane Mast John Pritchard	NEMAHA Lisa Engelken Carol Visser Brenda Tegmeier Monica Rottinghaus	PRATT Laree Huffman Bob Black
BARBER Debbie Rowe Jan Angell Clint Lonker Brent Lonker	CLOUD Kevin Steward Judy Dillon Thaz Sorrell Chris Knudsen	ELK Dawn Brown David Perkins	GREELEY Dale Stone Teri Linder Star Hildenbrand Sabrina Preston	KINGMAN Diana Closson Karen Gorman Stacy Strait	MCPHERSON Brad Schroeder Cheryl Stucky Will Kaufman Kathy Kaufman	NEOSHO Sherry Reinhardt Jack Simmons Rosene Kigore Kim Magner	RAWLINS David Studer Carol Dixson Abe Fisher Cheryl Holle	
BARTON Lorri DeWerrf Doug Burnette Scott Tempero DeAndra Clark	COFFEY Calvin Trostle Maureen Eggleston Brad Spielman Luanne Raaf	ELLIS John Smith Jill Conger Janet Smith	GREENWOOD Estellene McIlvain Gerald Johnson Carol Rodman Matt Lindamood	KIOWA Mindi Larkin Carla Douglass Katy Perryman Mark Larkin	MARION Judy Carlson Janice Funk Matt Wineinger Tammy Penner	RENO Mark DeCau Beth Hinshaw James Schlickau Myra Horton	REPUBLIC Kristy Thompson Jeff Thompson Lori Havel Jeff Jensby	
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BROWN Joyce Meyer Betsy Herbster Susan Sommers Barb Tummons	COWLEY Staci Jimison Leah Symes Dana Arnold Carol Bossi	FINNEY Michelle Betts Sherri Betts Gaylene Goss Toni Billings	HARPER Roger McKnight Mark McCully Suzanne Pulliam Marie McCully	LANE Kym Lawrence Mark Shapland Katrina West Keith Shapland	MEADE Bryce Unruh Angela Wellman Brandon Hush Michelle Mertens	OSAGE Beth Smith Eric Kerns Patty Quaney Jim Kerns	RILEY Carey Avery Kathryn Siemsen Sondra Truitt Russ Pugh	
BUTLER Cran Chase Becky Young Shelly Hodges Tim Schneider	CRAWFORD Anita Swift Mary Grant Alice Kunshek Brigid Parks	FRANKLIN Kathleen Horstick Rob Dunlap Rachel Vining Ted Van Horn	HASKELL Dan Clawson Lisa Dunham Pat Schwab Gretchen Yanke	LEAVENWORTH CeCe Todd Jilinda New Gayle Brown Kelli Anderson	MIAMI Malea Husted John David Jasper Ann Kane Michelle Wise	OSBORNE Renee Nichols Norah Buikstra Lori Dibble Charyne LaRosh	ROOKS Jeff Ochampaugh Marcie Stamper Vicki Odle Amy Ochampaugh	
CHASE Troy Robert Jana Crawford Randy Peterson Dixie Glanville	DECATUR Mary Wilson Brad Vacura Shirley Schwab Janet Schuetz	GEARY Verle Amthauer Christy Strauss Elizabeth Altwegg Mary Bolter	HODGEMAN Kent Craghead Sue Whipple	MITCHELL Sharon Cordel Bryce Brobst Carol Cordel Paul Mick	OTTAWA Cathy Gorrell Diane Ranney Stephanie Bearnas Shelly Hamm			
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The Ford Motor Company Fund provides a trip to National 4-H Congress in Chicago for one state 4-H achievement winner. Nine \$1,000 educational scholarships were awarded to national winners in 1981.

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Brenda Barnes
Brad Penka

RUSSELL

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Kurt Haberer
Meredith Paschal
Lynetta Janne

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Connie Bolton
Michael Zirkle
Alesia Schauf

SHAWNEE

Ingrid Erickson
Belinda Parnell
Matt Mannell
Rona Brown

SHERIDAN

Cynthia Engel
Jacque Struckhoff
Alice Meier
Lori Cressler

SHERMAN

Marty Malpert
Shari Mosbarger
Kiera Barnett
Kevin Lohr

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Eddie Olmstead

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Kari Marcy
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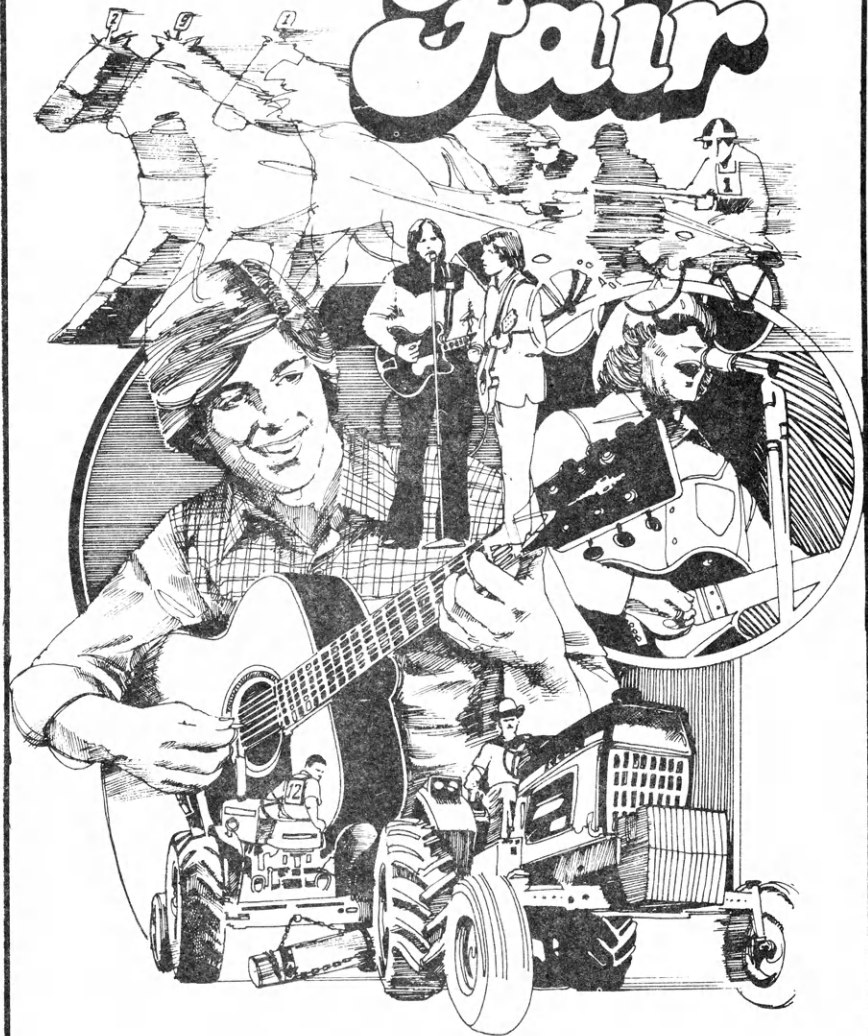
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August Energy Challenge



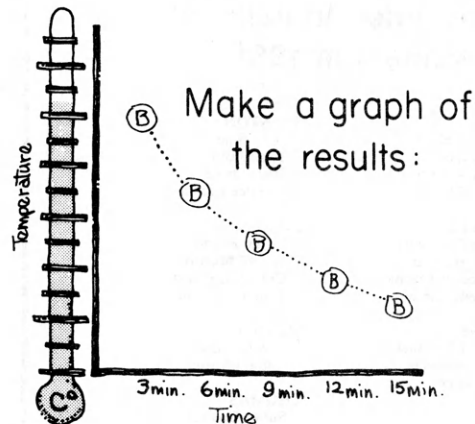
ENERGY CHALLENGE: How does color affect heat?

MEET THE CHALLENGE: Learn which color holds heat longest.

- Materials:** 4 juice cans, all same size and same material
 White, black, light green and dark red poster paint
 Hot water, almost boiling
 4 thermometers
 Food coloring—same colors as paint (add drops of all colors together to get black)

Instructions:

- Paint each can a different color.
- Fill each can with the same amount of hot water, add food coloring to the water to match the color of the can. Set the cans side by side.
- Put the thermometer in each can.
- Record the temperature of water in each can every 3 minutes for 15 minutes.
- Make a graph of the results. (picture)



What Happened?

- Which color held heat the best?
- Which color cooled the quickest?
- If you lived in a cold environment, what color would you paint the roof?
- If you were sitting in a room painted red, would you feel warmer or cooler?

MAKE AN ENERGY DIFFERENCE:

- With your parents or another family member, make a survey in your home on the colors of heat-storing or heat-reflective materials.
- If you have window awnings that are painted a dark color, discuss the merits of painting them a lighter color.
- In the summer months, replace dark roller shades with a light colored, reflective shade.
- For more information about using color, ask your county Extension office for a copy of the bulletin L624 "Color Basics for Home Decorating," or the group teaching packet, "Energy Conserving Window Treatments."

[This project adapted from Science Activities in Energy, Oak Ridge Associated Universities]

DID YOU DO IT?

- Which color stayed hot longest? _____
- What color are your car seat covers? _____
- What color would you choose for a "cooler seat" in the summer time? _____
- Were you able to identify items in your home that were not energy conserving colors? If so, how will you correct them? _____

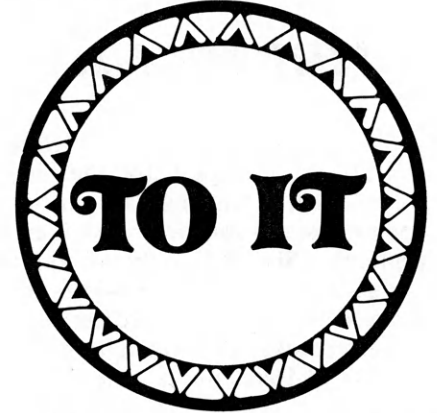
Clip and Insert in your 4-H Record Book

Family Fun Page

Match the following clues with the baseball terms in the right column.

- | | |
|--|---------------|
| _____ 1. A summer pest | a. Ball |
| _____ 2. Hosiery bugbears | b. Sacrifice |
| _____ 3. Inaccurate | c. Homer |
| _____ 4. Holiday dinner | d. Bat |
| _____ 5. A successful effort | e. Fan |
| _____ 6. Vessel for pouring | f. Fly |
| _____ 7. Used for pancakes | g. Out |
| _____ 8. A good foundation | h. Plate |
| _____ 9. To take unlawfully | i. Foul |
| _____ 10. A flying visit | j. Short stop |
| _____ 11. A dinner necessity | k. Base |
| _____ 12. If you forget your door key | l. Double |
| _____ 13. A disguise | m. Single |
| _____ 14. Dispenses judgement | n. Run |
| _____ 15. Proprietor of dog pound | o. Error |
| _____ 16. A coveted jewel | p. Catcher |
| _____ 17. Given for charity | q. Steal |
| _____ 18. Dangerous on highways | r. Fake |
| _____ 19. An offering | s. Batter |
| _____ 20. To multiply by 2 | t. Pitcher |
| _____ 21. It flies only at night | u. Umpire |
| _____ 22. Unmarried | v. Diamond |
| _____ 23. A famous Greek poet | w. Short stop |
| _____ 24. Used to gain relief in hot weather | x. Hit |

How many times have you heard someone say "I just haven't gotten around to it" or "I'll do it when I get around to it?" The next time you hear the excuse, clip out the "round to it" printed below and give it to the person.



A man went for a ride in an airplane. When he came down, he said to the pilot, "Thanks for the two rides." "Two rides?" asked the aviator. "You've only had one!" "No," said the gent, "two, my first and my last."

Did you hear about the short tempered father? He yelled to his son, "If you fall off that rock and break your leg, don't come running to me."

ANSWERS: 1. f., 2. n., 3. o., 4. i., 5. x., 6. t., 7. s., 8. k., 9. q., 10. j., 11. h., 12. g., 13. r., 14. u., 15. p., 16. v., 17. a., 18. w., 19. b., 20. l., 21. d., 22. m., 23. c., 24. e.

Classified ads reach 16,000 4-H families in Kansas. **RATES:** 25¢ per word, per insertion. 10% discount for same ad in five issues. 20% discount for same ad in ten issues. Deadline for each issue is 15th of the month preceding the month of publication. Payment must accompany the advertising order. Please print the ad and send to: Kansas 4-H Journal, 116 Umberger, K.S.U., Manhattan, KS. 66506.

For Sale

In Manhattan—The latest styles of nationally known brand name women's shoes and boots at rock bottom, outlet prices. Lady Foot Shoes, 221 Poyntz. 913-776-5331.

Tri-Chem Liquid Embroidery, Paints & Crafts. A craft for everyone in the family. Box 57, Aurora, KS. 67417, 913-464-3431.

Wanted

International Harvester tractor—460 or 560 with 3-point hitch for Rock Springs Ranch. Donation or cheap. Contact Merle Eyestone, Kansas 4-H Foundation, 116 Umberger, K.S.U., Manhattan, KS 66506, 913-532-5881.

Antique hand-held school bell for restored one-room country schoolhouse at Rock Springs Ranch. Contact 4-H Foundation, 116 Umberger, K.S.U., Manhattan, KS 66506, 913-532-5881.

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4-Her recruits members for electric project

Suzy Klinker, Riley County electric project champion for the past three years, is not only skilled but her enthusiasm for the project is exceptional. She constantly works at her goal of getting more 4-Hers interested in the electric project. She has given talks, a radio program and recruits 4-Hers on a one-to-one basis.

Suzy is the only girl in Riley County enrolled in the electric project. Her mother, a former 4-Her from Indiana, was in the electric project when it was a popular project.

Suzy's electric projects all have been built from kits. She's made an AM broadcaster, a metronome and a programmable home heating control. She learned by experience to be realistic about the quality of the kits she buys. One inexpensive kit project she worked on never worked because of the low quality components. Suzy says the hardest part of the project for her is waiting for the kits to come after she's ordered them.

When choosing a kit she looks for one that is basic enough to construct and one that will be useful. The programmable home heating control she built last year will turn the furnace off and on according to the



Michael John Klinker inspects the race car his sister Suzy repaired by soldering the electrical connection.

family's schedule and can be used to control the lights.

Suzy says that she doesn't save much money by building electrical items but says "when I build something then I know what's inside and I can usually repair it if something goes wrong."

She is handy around home and

her school because she maintains and repairs many of the electrical appliances. Her knowledge of power usage has prompted her to add several energy conservation features to her family's home. The project also has made her more safety conscious.



What are you or your family doing to conserve energy? Please send your ideas, with illustrations if possible, to Electric Page, Kansas 4-H Journal, Umberger Hall, KSU, Manhattan, Kansas 66506.

Watch This Page For Ideas On Farm And Home Electric Projects

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