



WHAT WILL I BE?—Sixth graders at Bancroft School are studying careers. Gary Steffens, 12, whose "one ambition is to be a soldier," and Laurel Gerlach, 12, look for information about their career choices. Laurel is eyeing three careers — actress, author and an artist.

Elementary Children Attend Classes For Summer Enrichment Program

NU Dept. of Education Holds Session for Over 400 Youngsters

What would I do if I ran the zoo? What will I be in 1972? How do children in other lands live?

These questions and others are being answered for over 400 Lincoln elementary school children who are enriching their educational programs by going to summer school.

The University's Department of Elementary Education is operating summer session programs for grades kindergarten through six at two elementary schools — Bancroft, the University's lab school, and Pershing.

The summer program is not

just more of the same thing, nor is it geared to remedial problems, said Dr. O. W. Kopp, department chairman. "The program emphasizes enriching experiences for the children," he said. "They explore the problems and areas that perhaps they don't have time to explore during the regular school year — it's a chance to travel the additional mile."

"We go to various parts of the country to bring in the most outstanding teachers we can find for this summer program," Dr. Kopp said. Ban-

croft school is staffed by teachers from Missouri, New York, Iowa, Michigan as well as various parts of Nebraska. They are assisted by University student teachers.

Zoo Unit

Miss Lois Johnson's first grade class at Bancroft school is learning about animals as they pursue their current unit, "If I Ran the Zoo." In addition to watching over their hamster, turtle, guinea pig and parakeet, the children are planning a trip to the zoo. But first they will hear about all the animals from the Lincoln zoo director, James Ager, who is coming to visit them. Climaxing the Latin American part of their unit on "Children Around the World," Mrs. Alveta Cooper's second grade class members took turns swinging a club to break a butterfly pinata, which was hanging in the hallway. Not everyone got a turn, however. It took just two "hefty" whacks, and the blue butterfly split open, sending the children scrambling for the candy and gifts which fell to the floor. The pinata was made for them by Miss Clarice Bryan, a student teacher from Panama.

Careers Study

The sixth grade children at Bancroft are studying careers. Last week they studied about "working to feed people" and "working to shelter people." They were visited by an agronomist and an architect, who took them on a tour of a chapel he had designed. Sixth grade is taught by Herbert S. Moyer, one member of the fourth, fifth and sixth grade all-male staff.

In addition to the regular morning classes, a new feature has been added, which "seems to have stimulated quite a bit of interest on campus," according to Dr. Kopp. This new feature is the showing of special educational television programs in French and primary science each afternoon at Bancroft and Pershing schools, respectively.

Two Purposes

The purpose of the educational programs is twofold, Dr. Kopp said. First, they offer a rich learning experience for the children, and secondly they give the opportunity for an objective evaluation of the effectiveness of television instruction, he said.

The students for the University's summer elementary program are selected by written application on a first-come, first-served basis, Dr. Kopp said.

Retired Zoology Chairman Seeks Answers to Questions in Genetics

Why are there men in this world and not just animals? Why, since there are people do they wear clothes?

Dr. David C. Whitney, retired chairman of the zoology department at the University of Nebraska, has sought the answers to these questions and other questions related to life in general, ever since he began his science career in 1893.

To answer these questions and others concerning genetics, the 84-year-old ex-chairman has written two books. His first book, published in 1942, entitled Family Treasures, contains many pictures of various hereditary traits such as ears, hands, noses, hair, skin and feet.

Doesn't Like Feet
"I don't like feet," Dr. Whitney chuckled in a voice cracked by 43 years of lecturing to almost ten thousand students. "But, feet do indicate a hereditary trait."

Many of the pictures in Family Treasures and also in his second book, Family Skeletons, published in 1948, are of former students of Dr. Whitney. There are also many pictures of his ancestors.

"I used to give a student \$2.50 to have his picture taken to show his nose or hands

or any other defects or abnormalities," Dr. Whitney said. "My first book cost me \$1,000 and Family Skeletons cost \$2,000."

Students were also called upon in class to show their various inherited characteristics to their classmates. Dr. Whitney once called upon a certain male student to stand up and show the class his receding hairline. After calling attention to the fact that receding hairlines are a hereditary trait, Dr. Whitney again called upon the same student to show his even, white teeth. Teeth characteristics are also inherited, Dr. Whitney explained. But when he said that certain persons also inherit dimples in their hips, the student quickly sat down and the demonstration ended.

Personal Interest

Not only did Dr. Whitney have a genetical interest in his students, but also a personal interest, according to Dr. Eugene F. Powell, associate professor of zoology and anatomy.

"Dr. Whitney still keeps in contact with many of his ex-students," Dr. Powell said. "He keeps a large file of the students' addresses. Some of them still write to him."

Dr. Whitney had his own method of shocking students

into doing their own thinking, Dr. Powell explained. During the first ten minutes of genetic class, the retired professor would give students a written examination over class material. He would also throw in such questions as "Why do men wear clothes?" Thus the students were required to use their own imaginations and brain power.

This short, white haired man came to the University of Nebraska in 1916 as a full professor after serving on the faculty of Wesleyan University at Middletown, Connecticut for eight years. He was promoted to chairman of the department in 1934, and served until his retirement in 1948.

As a boy in Brookfield, Vermont, he liked and studied nature but never thought of zoology as a career until his sophomore year at Wesleyan University. He majored in classical languages in his boarding school and university alma maters.

"You have to have a good memory, though, if you major in languages," Dr. Whitney commented. "I decided to change majors and chose zoology."

The study of rotifers, microscopic animals who live in water, was Dr. Whitney's pet

project when he was a practicing zoologist. Since he began his study at Columbia University before the turn of the century when he received his doctor's degree, he has published many papers on the reproduction habits of the tiny animals.

A widower, Dr. Whitney lived in Lincoln until last year when he moved to Colfax, Calif. to reside with his daughter.

Grant Helps Finance New Physics Lab

Facilities Will Allow Special Research

The National Science Foundation has approved a \$600,000 grant to the University of Nebraska for use toward the construction of a \$1,250,000 physics research laboratory.

Chancellor Clifford M. Hardin said the grant, together with the earlier announced \$400,000 gift from the Behlen family of Columbus, will allow the University to do highly specialized research in atomic and nuclear physics—an area which has been limited by lack of facilities.

Three-Story Structure
He said the two grants, plus some \$250,000 from the University building levy, will finance a three-story structure plus basement and underground laboratory space. The latter will house low-energy particle accelerators.

To be named after the Behlen family, the physics research lab will be built directly west of and connected by corridors to the present 57-year-old physics building, Brace Laboratory, 10th and S. The new laboratory will measure 132 feet long by 50 feet wide.

Business Manager Carl Donaldson said preliminary plans are now being prepared by the Omaha architectural firm of Steele, Sandham, and Weinstein. The University expects to call for bids next spring.

In the construction, footings and columns will be designed to support two extra floors for future expansion, Donaldson said.

Research Areas

The structure will be designed to house research areas in nuclear reaction and neutron physics; and solid-state programs, including X-ray diffraction and studies of radiation effects in solids.

Tentative plans also call for a library, departmental offices, and seminar rooms.

Permitting the University to seek the matching funds from the National Science Foundation was the Behlen family's gift of \$400,000, which Dr. Hardin described as "of far-reaching importance to the state of Nebraska."



TALK, TWEETIE—Rebecca Sharpe, 7, and Bradley Grell, 7, talk to Tweetie, the parakeet in the first grade class at Bancroft. The children are studying a unit on "If I Ran the Zoo."

Conference on Bus. Ed. Held

Two noted authorities on business education highlighted the third annual summer conference last Thursday and Friday on business education at the University of Nebraska.

The guest speakers were:

—Dr. Hamden L. Forkner, professor emeritus of education at Columbia University, who was founder of Future Business Leaders of America and co-author of the textbooks, "20th Century Bookkeeping and Accounting" and

"Correlated Dictation and Transcription."

—Dr. Doris H. Crank, professor of business education at Illinois State Normal University, who is past president of National Business Teachers Association and co-editor of the 1963 Yearbook of the American Business Education Association.

Dr. Crank spoke on "The Best in Secretarial Training," followed by Dr. Forkner's talk on "The Best in Bookkeeping and Basic Business Education."

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Psychologist Chosen To Read His Paper At England Congress

Dr. William J. Arnold, professor of psychology at the University of Nebraska, will read a paper on the effects of irradiation at the second International Congress of Radiation Research at Harrogate, England, in August.

The paper discusses "The Effects of Brain Irradiation, Femur Irradiation and Starvation on Maze Learning in Rats." It was co-authored by Dr. Arnold and James B. Cho, assistant on the irradiation project and a former graduate student at the University.

The paper is one of the studies done this year by Dr. Arnold and is a contract with the Atomic Energy Commission.

The Congress, which will be held Aug. 5-11, will bring together and summarize the knowledge and effects of irradiation on organisms. Psychologists, biologists, physicists and chemists from all over the world are expected to attend. Participants in the Congress are chosen on the basis of papers submitted to be read before the Congress.

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