

Indoor Facility Approved for Cooling Tower

A versatile indoor facility for cooling tower research and testing has been improved at the Texas Engineering Station to accommodate intensive investigative endeavors in the interest of better product performance. Located

at the Cooling Tower Laboratory, it operates as one of the several laboratories of the station's heat power group.

The indoor facility consists of a 2-foot square, counterflow, forced-draft tower and a recently added

cross-flow tower.

The cross-flow tower is approximately two feet wide and three feet high inside.

The counter-flow tower is constructed in three interchangeable sections three feet in height which

can be assembled in packing heights of 3, 6, or 9 feet. All components of either tower are equipped with water seals to eliminate the need for gaskets and to allow rapid changes in the tower arrangement.

The two towers are operated separately, using the same mechanical equipment, controls and measuring devices.

Steam humidification equipment is installed in the air entrance to the test facility for controlling the wet bulb temperature of the entering air above that of ambient. Controls and refrigeration equipment for controlling the dry bulb and wet bulb temperatures of the entering air below that of ambient are planned.

The refrigeration equipment will be available also for other special tests requiring controlled air temperature and humidity conditions.

The indoor facility is designed specifically for experimental model testing in conjunction with the research program. However, the test sections are large enough to be used in cooling tower development and for obtaining design information for manufacturers of the smaller capacity towers. The water supply system of the facility has been modified and utilized in performance tests of over 25 "packaged towers" from 3 to 20 tons capacity. Special arrangements can be made to permit performance tests of towers whose capacity is in excess of 20 tons.

The indoor facility is supplemented by an 8 x 8-foot tower located outdoors that accommodates similar research and testing endeavors on a large scale.

The Cooling Tower Laboratory where work is conducted by B. J. Fluker and Glenn F. Hallett, with the former serving as supervisor, is the nucleus for an all-inclusive air conditioning laboratory to be established in the future by the Texas Engineering Experiment Station.

If Brown can compile a winning record this season, it will mark the first time the Bears have put together three straight winning football seasons since 1939-40-41.

Sixty Now Enrolled

Physically Handicapped Aged Get Personal PE Training

The physically handicapped student is no longer consigned to the role of mere onlooker in the physical education program at A&M.

He has his own program, one that is planned to fit his own individual needs and condition, and one that trains him to focus his attention, not on his disability, but on the development of his abilities.

Students at A&M are required to take four semesters of physical education, the objective of the program being to provide each boy with an opportunity to develop skill in the performance of a wide range of activities in which he may participate in adult life for recreation and physical fitness.

But there was one hitch in this program. The young man with a disability was often in the background, especially during the strenuous activities.

Realizing that a boy with a physical handicap could be further damaged psychologically by being set apart, the Department of Health and Physical Education, headed by Dr. C. E. Tishier, initiated what is known as the adapted physical education program, a program in which exercises and activities are planned on an individual basis for the boy with a physical handicap.

The program, which is supervised by the director, College Health Services, and Dr. Warren Bonney, a physical educationist. This group determines which students will be placed in the adapted program.

Mamaiga thoroughly acquaints the student with his condition, using slides and books with simplified explanations. Often, through these conferences, the student learns that he can take part in far more activities than he thought possible.

since he was a child that he could not take part in any type of strenuous activity. The truth is, there are many games and exercises in which he can participate despite his handicap.

Mamaiga carefully checks the student's posture, flexibility, balance and muscular responses and then prescribes an individual exercise program, a program that also includes instruction in such games as golf.

There are 19 different activities

in the adapted program, including a number of machines designed to enable the student to begin using muscles he has not been able to use, or to regain the use of those previously impaired.

The handicapped student, after being roused to the reality of his condition, must want to acquire skills and attitudes that will lead to better adaptation, and as mentioned previously, he must learn to focus on living with his abilities instead of concentrating on his disabilities.

The program is valuable to the boy in a number of different ways. First, through individual exercises, he learns to use muscles he had not previously used. Second, the program aids him in acquiring healthy habits and physical skills that will go with him the rest of his life, and third, the program aids him in a well rounded adjustment to his total school environment.

There are 60 boys in the adapted program, 20 in each of three classes. Most of them came to the college with some physical handicap, such as a heart murmur, palsy, after effects of polio, and the crippling effects of accidents.

They are joined through the year by other students who have sustained some minor injury, an injury that prevents them from participating in the regular program.

Staff members are proud of the adapted program for they can see its success in many ways than one.

They find it enlightening to set a physically handicapped student joining his teammates in activities that he once avoided. They can see success in the program in the way it changes a boy emotionally.

They also like to tell of the physically handicapped students who return for additional work in the physical education program after completing their required four semesters.

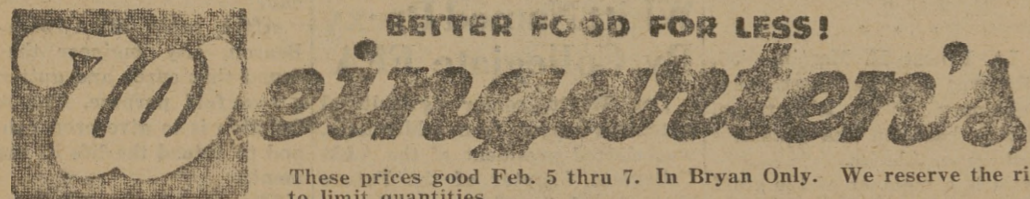
Secretary Seminar Set for Saturday Zoo Expected

About 200 secretaries are expected for a one-day seminar here Saturday. The seminar, "Horizons Unlimited," is being sponsored by the Bryan-College Station Chapter of the National Secretaries Assn.

Delegates to the seminar will be welcomed at the Memorial Student Center by Mrs. Florence Hall, president of the local chapter, and E. L. Angell, vice president of the A&M system.

Major addresses during the morning will be by Mrs. Emma M. Ward, administrative assistant to Governor Price Daniel, who will speak on "Secretaries and the Role of the Secretary," and by Charles J. Little, assistant executive director of the Texas Division of Merit, who will discuss "Your Personal Security."

Afternoon sessions will include an address on "The Employable Personality," by Sara T. Hughes, judge of the 14th District Court, Dallas; "Research—Horizons Unlimited," by John C. Canoun Jr., vice president for engineering at A&M; and "Formula for Success," by Mrs. Margery Norris, president of the Texas-Louisiana Division of NSA.



These prices good Feb. 5 thru 7. In Bryan Only. We reserve the right to limit quantities.

... Where It Costs You LESS To Serve The BEST!

Giant Tide 59c ea

Top Spred 15c ea

J. W. Special Coffee 49c

LOOK WHAT \$1 WILL BUY

- DEL MONTE CATSUP 6 1/2 Oz. BOTTLES
- DEL MONTE PEAS Early Garden 6 No. 303 CANS
- DEL MONTE CORN Cream Style 6 No. 303 CANS
- FOOD CLUB MILK 8 LARGE CANS
- ELNA TOMATOES 8 No. 303 CANS
- HUNTS TOMATO SAUCE 12 8 Oz. CANS
- NORTHERN TISSUE 12 ROLLS

AND MANY, MANY MORE!

APPLES U. S. No. 1 Delicious Washington 4c ea

Armour's Star Big Bologna Sliced 39c lb

SWISS CHEESE Wisconsin Sliced or by the piece 69c lb

Pork ROAST Picnic Cut 28c lb

Prime, U. S. Choice, 5th, 6th, 7th Ribs Rib Roast Bonded Beef 69c lb

FIRST CUT PORK CHOPS lb. 45c

CENTER CUT PORK CHOPS lb. 75c

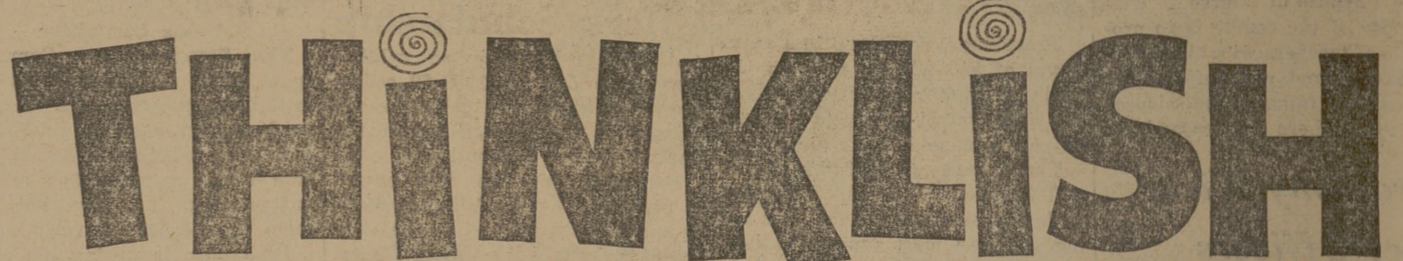
CANDY SPECIALS!

- Mel-O-Sweet VALENTINE CHOCOLATES
- 14 Oz. Heart Box 89c
- 8 Oz. Heart Box 59c

BAKERY SPECIALS!

MILK CHOCOLATE BUTTER LAYERS 49c

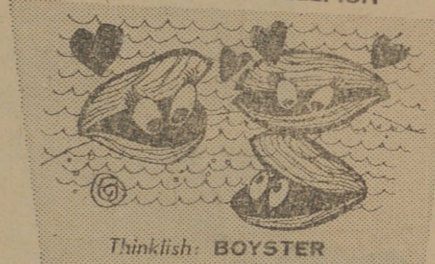
MAKE \$25! START TALKING OUR LANGUAGE!



We're paying \$25 each for the hundreds of Thinkklish words judged best! Thinkklish is easy: it's new words from two words—like those on this page.

Send yours to Lucky Strike, Box 67A, Mount Vernon, New York. Enclose your name, address, college or university, and class.

English: MALE SHELLFISH



Thinkklish: BOYSTER

LYNDON DE BORDE, U. OF N. CAROLINA

English: WOOING TECHNIQUE



Thinkklish: HEARTISTRY

BRUCE MITZAK, CASE INSTITUTE OF TECH.

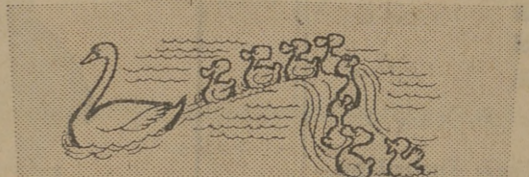
English: TALKING INSECT



Thinkklish: MUTTERFLY

DELLMEN HECHT, SYRACUSE

English: WATERFOWL FORMATION



Thinkklish: SWANVOY

BUCKE JENNINGS, U. OF CAL.

English: MIDNIGHT SNACKER



Thinkklish: REFRIGERAIDER

HARRIET DOYLE, MARYLAND



English: MAN WHO CONDUCTS POPULARITY SURVEYS

Thinkklish translation: This fellow knows more about polls than a telephone lineman. When someone starts, "Hail, hail, the gang's all here!"—he counts noses to make sure. If he canvassed women, he'd be a galculator. If he totted up crimes of violence, he'd be a stabulator. Actually, he checks on the popularity of Luckies, and that makes him a lauditor! His latest survey makes this heartwarming point: Students who want the honest taste of fine tobacco are unanimously for Lucky Strike!

Get the genuine article Get the honest taste of a LUCKY STRIKE

Product of The American Tobacco Company—Tobacco is our middle name

