



HAPPY THANKSGIVING . . . These birds at the Marloma Turkey Ranch don't know it yet, but they are going to make mighty tasty Thanksgiving dinners for people all over this area. Of the 10,000 turkeys on the farm, about

5000 will appear on plates for Thanksgiving dinner, complete with dressing and cranberry sauce. The remainder will meet a similar fate on Christmas. "I'd rather have gone up in Sputnik," one bird was heard to murmur.



IN THE BAG . . . After they are processed, turkeys at the Marloma Turkey Ranch, 20603 Victor St., are placed in bags, ready for sale to the public. Some 5000 of the big birds will find their way to dinner tables throughout the

area. This is the big season for the proprietors of the ranch. Shown getting the turkeys ready are Bernard, Dorothy, and Robert Vacarro.



WHETHER OR NOT? . . . Junior weathermen in Mrs. Sue Rozum's class at Casimir School check some of the readings on equipment which they have set up in their rooms, as one of several scientific study groups. Shown with the

weather equipment are (left to right) Joey Verburg, Danny Vincent, Mike Heald, Ray Turner, Ronnie Erwell, and Rick Aggen. (Herald photo.)

Jr. Weathermen Eye Sky In Casimir Science Class

"If the wet bulb reading is 60° F, and the dry bulb reads 70° F, then the difference is 10°. That means the relative humidity must be 55 per cent."

No, you're not at the International Airport Weather Bureau. These are seventh grade students at Casimir Elementary School conducting the necessary observations to predict the weather.

These students, with the assistance of their teacher, Mrs. Sue Rozum, have made the necessary instruments to set up their own weather station. Ronnie Elwell, weather chief, sets up a daily weather chart, and his assistants, including Mike Heald, Rick Aggen, Joey Verburg, Danny Vincent, and Ray Turner, take weather readings three times each day. At noon they confer and issue the weather forecast.

Instruments Made

These youngsters use a home-made anemometer, wind vane, cloud observation mirror, and relative humidity indicator to determine wind speed, di-

rection, cloud or sky condition, and humidity readings. A simple barometer and thermometer complete the equipment.

The boys chart their daily observations and predictions, and to date have had an accurate record in predicting rain before it comes. All members of the class take turns in weather prediction.

Interest in the weather station has led other members of the class to study related fields. Judith Bradford, Rose Marie Schellig, Peggy Oyler, Suzanne York, Ronnie Saunders and Gary Gladdy's have done experiments and formed conclusions on the effects of air pressure.

Scientific Approach

Using a scientific approach, they determine the materials required, the procedure to be followed, and then begin the experiments. Observations of what happens are carefully noted and from these observations a scientific conclusion is reached. These people have crumbled paint cans without touching them, have put cloth

into water without getting it wet, have peeled bananas without touching them, and have turned glasses of water upside down without spilling the water. For each of these tricks, they have determined a scientific cause.

Another class group, who dub themselves the "Mad Scientists," have worked various experiments on the effect of heat. Among their accomplishments have been a steam turbine, a balloon that inflates itself, and a weather "snake" that indicates air current temperature.

These future scientists, including Leonard Chanda, Bill Donley, Gary Fly and Glenn Bornhoft, have other projects underway showing how heat acts and how it affects us.

What's Water

A group specializing in water and its characteristics has changed a white carnation to red and blue, have demonstrated that water can run uphill, and have shown the ef-

fects of light on plant growth. These boys include Gary Wiebe, Wilfred Gassner, Ricky Jaakola, and John Collins.

High interest in the Russian Sputnik beep signal led four students, Glenn Short, Mike Conklin, Sandra Slout, and Ed Davis, to begin a collection of information on missiles and satellites. With each succeeding week, they have added to the class knowledge of what is happening in the race for outer space.

Other students are working on special report projects on storms, moisture forms, and various other weather-connected subjects. Using reference books and film strip, they are determining cause and effect of these science phenomena and are collecting current newspaper clippings and magazine articles.

Special Work

The class members doing special projects are Jean Stockstill, Barbara Lunsford, Joe Hurst, Susan Rappaport, Carol Smith, Cheryl Rogge, Tubbs, Sharon Trasatti, Charla Smith, Jim Breitenfeldt, Judy Pryor, Sandra Bell, LeOra Gatlin, and Arlia Blankenship.

The outcomes of the various areas, studied have included a high degree of interest in science and a good understanding of the scientific method of procedure in proving or disproving a scientific principle, Mrs. Rozum said, and a number of students have indicated an interest in pursuing science as a vocation in adult life. All of the class understands the necessity for organizing materials, determining procedure, observing results carefully, making a scientific conclusion, according to the teacher.



CANDY SALESMEN . . . Getting ready to sell Christmas candy for the benefit of the Torrance Area Youth Band are these members of the Cadet Youth Band and Miss Torrance, Sharon Starns. Shown are Bob Pupkoff, Miss Starns, and John Alter.

Rose Parade to Include Sputnik, Baseball Floats

The coming of major league baseball to the West Coast and the world of new horizons created by Sputnik will play definite roles in Tournament of Roses pageantry in Pasadena New Year's Day.

Edward J. Allen, chairman of the Tournament's parade entry committee, reported yesterday that Los Angeles and San Francisco, the two great rival industrial cities of California, both will enter floats carrying out the fulfillment of their "Daydreams in Flowers" with floral entries, hailing the arrival of major league baseball in their respective cities.

"The Big League" is the theme of the Los Angeles float, while San Francisco has entitled its float, "The Magic Carpet," and has indicated that Center Fielder Willie Mays could be aboard.

The influence of Sputnik has motivated San Diego and San Antonio, Texas, to come up with themes based on sending satellites whirling through space. San Diego will call its float "New Worlds to Conquer." San Antonio has not specified its float theme.

Allen reported that his committee has received more requests to enter floats in the 69th annual Rose Parade than ever before.

"Sixty floats is the number we would like to have in the parade in order to have an event two hours long," he stated. "However, the designation of the University of Oregon and Ohio State University has brought more requests to participate. In addition to entries from both the Pacific Coast Conference and the Western or Big Ten Conference, an entry has already been accepted from the state of Oregon, with prospects that one or more Ohio cities may do likewise."

Lomitan to Direct Play, 'Rainmaker'

Open readings for all roles in "The Rainmaker," next production of the San Pedro Theatre Arts, will be held next Tuesday and Wednesday, beginning at 7:30 p.m. at the Pacific Playhouse, 501 S. Caballo Ave., San Pedro.

The play, a comedy drama in three acts, is the story of a charlatan rainmaker who comes to a drought-stricken community and is soon involved in the lives of the people he meets.

Director for the production is Nancy Andrews, 2465 W. 250th St., Lomita, who has just completed directorial duties with the Palos Verdes Players production of "Laura."

Miss Andrews, a member of Equity, national actors' union has appeared with summer stock in Manistee, Mich., and is known in this area for her children's productions of "Snow White" and the "Penny Peril's New Clothes" for the Philharmonic Peninsula Committee.

Narbonne High's Dental Survey Now Under Way

Annual Dental Survey at Narbonne is under way. Last Tuesday, Nov. 12, students met in the boys gym during physical education classes where they were shown a film on dental hygiene and were given an orientation talk by Doctor Downing, dental expert.

Wednesday, Nov. 13, a professional dentist examined students teeth in boys and girls gym classes and dental survey cards were given out. Those who required immediate dental attention were given a green urgency card notifying parents of the condition and requesting that they be given proper treatment. If dental work was not required students received a white card.

The cards were to be returned to gym teachers when they had been taken home and signed by a parent or dentist. It is hoped that the check-up will make students more aware of the importance of clean, well cared for teeth.

Mr. Langan, who is in charge of the Dental Health program, made the following statement, "We're sure that all students will realize that better dental health will produce happier, healthier people."

Interim Hearing Set

Sen. John J. Hollister Jr. (D), of Santa Barbara County, chairman of the Senate interim committee on small boat harbors, has announced that the third interim hearing of his group will be held at the Pier Ave. Junior High School in Hermosa Beach next Thursday, Dec. 5.



A WHALE OF A PLUG . . . Bubbles, Marineland's performing whale, jumps up to take a close look at the Red Feather, symbol of Chest appeals, held in the hand of Trainer Harley Toney. Bubbles said she'd be glad to do her part—but declined to make any door-to-door appeals.

County Decides To Shoot 1000 Workers a Month

More than 500 Los Angeles County employees were shot this week, and an average of 1000 will be shot each month between now and next spring.

No mass execution, this, but just the start of one of the largest identification programs ever staged, with county workers facing not a firing squad but a rapid-fire camera as they get "mugged" for ID cards establishing each of them as Civil Defense personnel in time of war-caused or natural disaster.

Gets Under Way

The program got under way at the Air Pollution Control

District, where scientific and enforcement personnel double as radiological technicians and monitors in case of a nuclear attack.

Stationed at district headquarters is a mobile photo unit, a truck equipped with a special camera and rapid developer capable of turning out up to 50 identification cards per hour, complete with photograph and lamination.

Manned by a full time operator, this outfit will be in use each day at various county offices until the county's more than 30,000 employees are equipped with cards. First of

its kind in the nation, the unit was designed by the Air Pollution Control District's photographic section, in conjunction with a firm producing the automatic photo equipment. It is expected to save thousands of dollars per year in identification processing.

In addition to Civil Defense purposes, the new unit will be used to provide county employee cards of all types for the many departments.

Volunteers in each of the county's 12 disaster services will be scheduled to attend one of the series of sessions to be staged at key locations throughout the county.