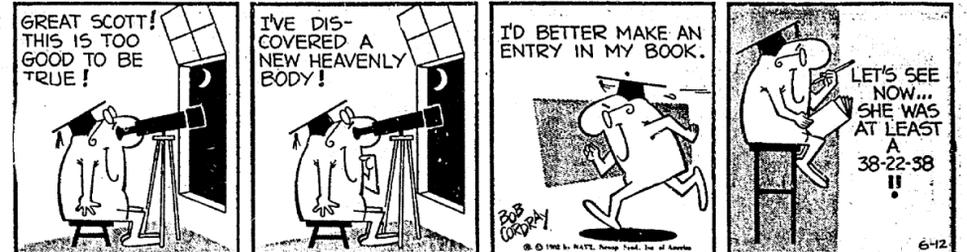


DONDI



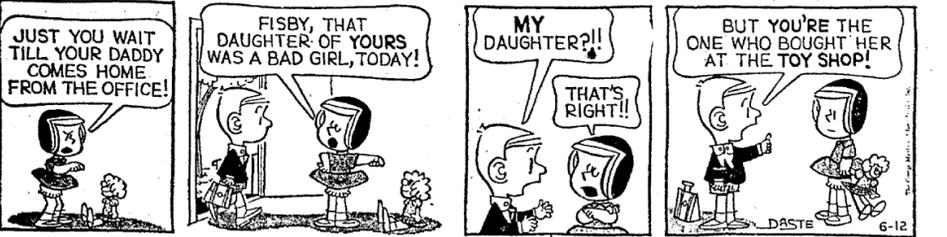
By Gus Edson and Irwin Hasen

SMIDGENS



By Corday

PLAYHOUSE



By Larry Daste

PROFESSOR PHUMBLE



By Bill Yates

THE RYATTS



By Cal Alley

GIL THORP



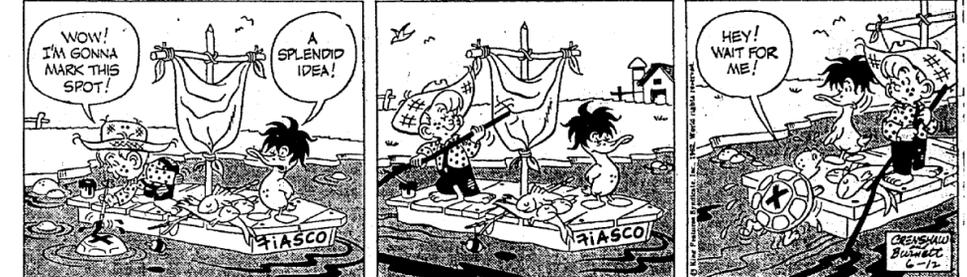
By Jack Berrill

THE JACKSON TWINS



By Dick Brooks

NUBBIN



By Jim Burnett and George Grenshaw

Walt Disney's SCAMP



By Ward Greene

SANDY VS. THE PIRATES



By Jim Unwin

UNCLE RAY'S CORNER

Leaf Has Openings Like Pores in Skin
By Ramon Coffman

Sunshine works on the green pigment, also on the water and carbon dioxide inside the leaves of plants. The result is that food is produced for the entire plant.

Carbon dioxide enters a leaf through thousands of tiny openings. These openings are very much like the pores in human skin, and sometimes are called "plant pores."

Q. What is chlorophyll?
A. Chlorophyll (pronounced KLO-roe-fill) is the green pigment I have mentioned. It contains hydrogen, oxygen, carbon, magnesium and nitrogen.

Q. What foods do leaves produce?
A. We hear mainly about glucose and other sugary materials, but plants also produce starch, fat and protein. Peas and beans are common vegetables with plenty of protein.

The sap in a tree may be compared to the blood of a human being. The sap rises from the ground, and goes upward through living parts of the trunk until it reaches limbs, twigs and leaves. It carries water and minerals to the leaves, and from the leaves it takes food to various sections of the tree.

A leaf has a network of veins. It is interesting to observe the wide difference between the vein systems in the leaves from elms, oaks, maples and other trees.

Q. Does all the food-making in a plant take place in the leaves?
A. Some plants have other green parts that make food. The green stems of cacti perform this work.

For NATURE section of your scrapbook.

PREHISTORIC ANIMALS is the name of a new leaflet by Uncle Ray which tells fascinating facts about Dinosaurs and contains 12 illustrations of these great animals. To get a copy send a stamped, self-addressed envelope to Uncle Ray in care of The Plain Dealer.

PONYTAIL

By Lee Howey



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Send your questions together with your name, age and address to ASK ANDY, care of The Plain Dealer, Andy will get you the answers.

Andy sends a complete, 20-volume set of the "World Book Encyclopedia" to Lauren Miller, 10 Norman, Okla., for her question:

What are the tundras?

From a low flying plane, at the right time of year, the tundra land looks like a rich, carpet from faraway Araby. The rainbow patterns are woven by wild flowers wafted by breezes under the vivid blue of the summer sky. But summer is short and this gay scenery soon disappears. For the tundra sleeps through the long, sunless Arctic winter under a light blanket of snow.

The Northern and Southern Hemispheres both have their tundras, their temperate climate zones and polar regions. But only the Northern Hemisphere has a tundra region. It is a narrow belt circling the top of the world where the far, northern shores dip their toes into the icy Arctic Ocean.

PET DOCTOR

By A.W. Moller, D.V.M.

I WOULDN'T BE WITHOUT IT!

TEEN ANSWERS

By Kitte Turmell

"DEAR KITTE: Is there any exercise that will add weight to my legs? Mine are very thin. MAY"

DEAR MAY: A women's gym instructor suggests: Put heels together, toes out. Bend knees as far as you can and still hold balance. Return to starting position and bend knees again. Start by repeating eight times and work up to 20 a day.

CONFIDENTIAL to "Frightened": Don't encourage your new "boy friend" to "beat up" on the "extremist" who talks against you. Since what "X" says is not true, ignore it. Why add injury to insult?

Q. Is oxygen used in the treatment of pets? Helga Rosenberg, Chicago.

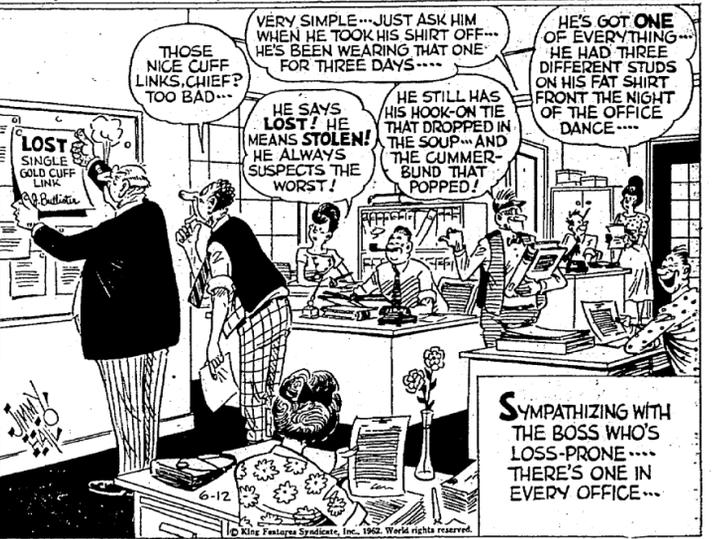
A. In treating animals, as in treating human beings, there are many occasions for the use of pure oxygen and no veterinary clinic or hospital would be complete without it. We use it in the treatment of shock, heat prostration and asthmatic or heart conditions. Sometimes valuable litters of puppies or kittens are put into an oxygen tent to give them a lift

quito eggs also sleep here through the long winter night.

Spring comes late. Dawn breaks and each day gets longer until by mid-summer the Arctic sun does not set when each day is done. The weather is between 40 and 50 degrees, warm enough to melt the snow and a few feet of the frozen ground. Puddles of water stand on the boggy swampland and the sleeping plants and animals wake up to greet the tundra summer.

The air hums with clouds of insects and flocks of migrating birds fly in from afar to devour them. Dozens of different bright alpine flowers burst into bloom. Rabbits and reindeer come to feed on the mosses and grasses, foxes and polar bears prowl through the scrubby bushes. And the summer tundra is a nesting ground for the tern and many migrating birds.

They'll Do It Every Time



SYMPATHIZING WITH THE BOSS WHO'S LOSS-PRONE... THERE'S ONE IN EVERY OFFICE...

YOUNG HOBBY CLUB

Fun With Pinwheels
By Cappy Dick

The yard of your home can be a very gay-looking place if you make some pinwheels to spin in the wind. Make the spinners from colored paper or foil paper. If they become torn in the wind or damaged by weather it will be easy to make new ones.

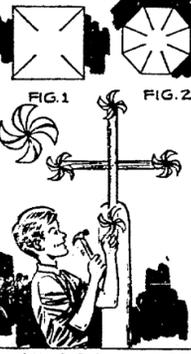
Pinwheels made from a square piece of material are the easiest to produce. The paper should be five inches square. From each corner slash diagonally to within an inch of the center (Fig. 1). Bend one point of each section forward to the center, overlapping the points and holding them there with one finger. Stick a pin through the points and through the back of the wheel. Press the pin firmly into a post in your yard with the pinwheel facing into the wind. As the wind blows, the wheel will spin.

Figure 2 shows how to make an octagonal wheel. Begin with a five-inch square of paper. With a ruler, mark off each side into three equal parts. Draw a diagonal line across each corner, running it between adjoining marks. Using those lines as guides, cut off the four corners of the square, leaving an eight-sided paper. With scissors, cut the paper from each corner to within an inch of the center as in Fig. 2.

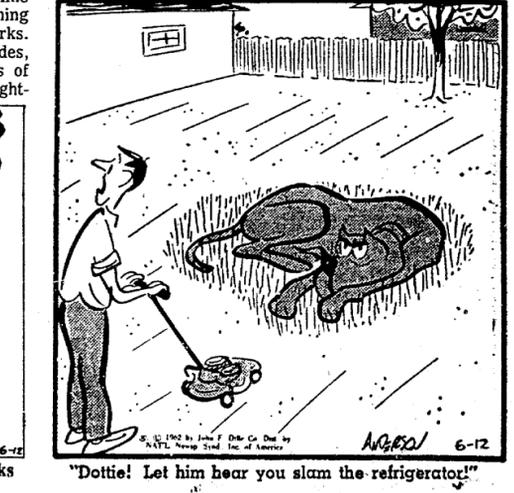
Bend every other point forward toward the center and stick a pin through all eight overlapping points and into a post.

A colorful group of spinners can be made by tacking two thin sticks together to form a cross, nailing it to a post and attaching a pinwheel to each end of the sticks as the boy has done in the picture. If each pinwheel is a different color the display will be fun to see.

TOMORROW: Opportunity to win a rotary printing press!



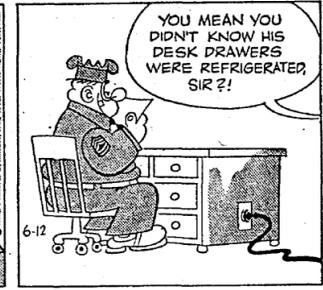
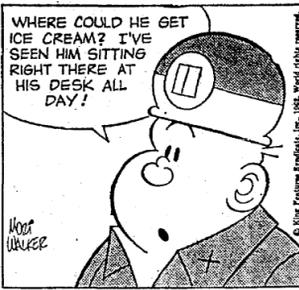
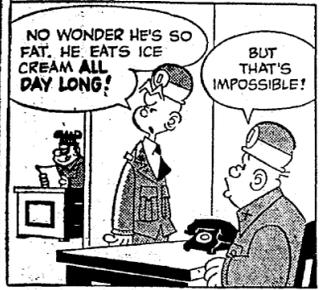
MARMADUKE



By Anderson



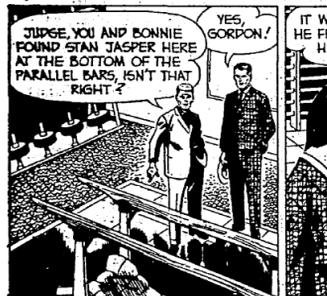
BEETLE BAILEY



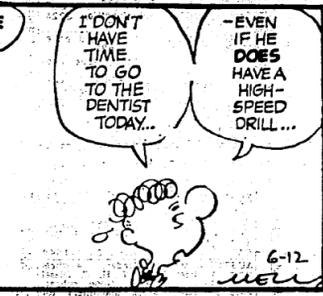
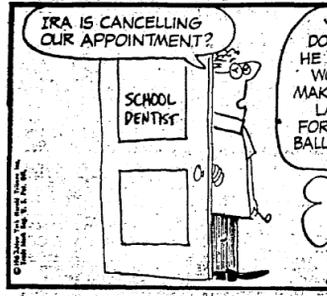
MARY WORTH



JUDGE PARKER



MISS PEACH



LITTLE ORPHAN ANNIE



TODAY'S CROSSWORD PUZZLE

Crossword puzzle grid with clues for Across and Down words. Includes a list of clues and a grid with numbers 1-64.

Yesterday's Answers on Page 48



"Look, Ajax, we know you went to Obedience School. Let's not make a production of it."



"Right in the middle of the meeting, someone said something about a big clearance sale at Hayfield's department store."

By Mort Walker

By Saunders and Ernst

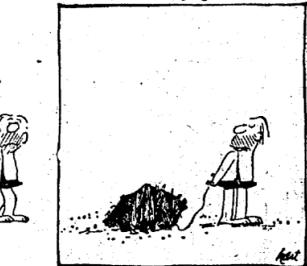
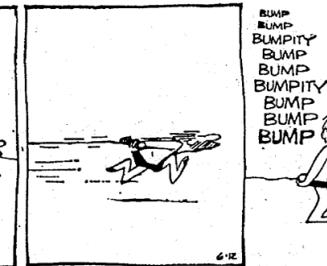
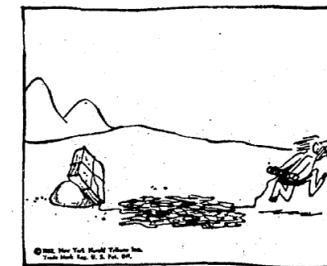
REX MORGAN, M.D.

By Dal Curtis



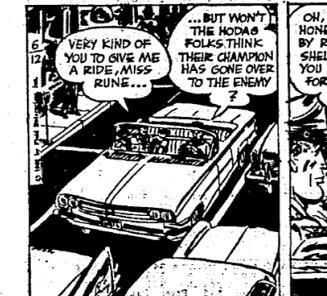
B.C.

By John Hart



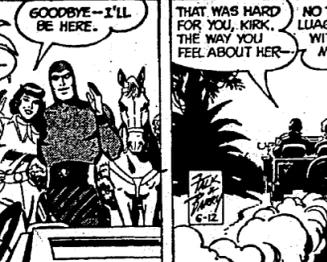
STEVE CANYON

By Milton Caniff



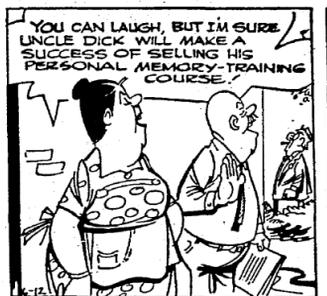
THE PHANTOM

By Lee Falk



UNCLE DICK

By James Russell



ANGEL

By Mel Casson

THE LITTLE WOMAN

By Don Tobin

