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Secrets Revealed

## This Thing Called Glass

Man has been making glass for be baked cherry red and plunged window and container glass ac- student, returning home after a the seventh-grade class at Tabor to get rid of the burden which at least 5,000 years, but he still into ice water without breaking. counts for nearly 75 per cent of happy afternoon at a class party, City Schools and had attended a a long line of legislators from is not sure what it is.

Societys ays.

glass can be broken. ploit its full potential.

tough, versatile "wonder glasses." One experimental fiber forces up glow softly at night. 10 Inches Thick

heavy as steel. Used to shield its strength nearly in half. radioactive isotopes, it remains Fiber glass is used in more than Id." clear even under heavy atomic 30,000 products, including electrical insulation, fabrics, building radiation.

Photosensitive glass changes insulation, roofing shingles, wincolor or structure when exposed dow screens, helicopter rotor blato ultraviolet light and developed des, boats huls, automoblie bodies, by heat. Ane variety produces pat- air filters, an filter papers. Recent terns soluble in acid, which are tests show that gass fibers added dissolved to produce precisely to ice airport runways, which are formed electronic components. In common in polar regions, incre- putting milk on your table. one instance 360,000 minute holes ase the strength of natural ice were etched in a two-inch square tenfold.

Though special glasses are inof glass.



WE CARRY

Tempered glass has the stren- the 8,000,000 tons of glass pro- became a traffic victim when his party and weiner roast at the the past have dropped into The atomic structure of glass gth of cast iron. It is made by duced annually in the United bicycle was hit by an auto on US home of Mrs. Albert Goldfinch, their laps is to place a tax on is known only in a general way, heating the glass until it begins States. Ordinary glass is made of 701, a mile south of the N. C.- at Howard, S. C. Mrs. Goldfinch food. This they will do in about and scientists disagree over its to soften, then quickly colling silica in the form of sand fused S. C. boundary, near Tabor, and Mrs. Albert Schilds, of Tabor two weeks. details, the National Geographic the surface. The cool surface at high temperatures with soda Thursday night. forms a rigid skin around the ash or limestone.

Research, however, is reveal- still-warm, expanding interior. One large glass works, which killed instantly. He was the son mothers of the Tabor City ing more secerts of this curious When the interior glass cools, it has tested 65,000 glass formulas, of Mr. and Mrs. Loman Fowler seventh-grade. substance, which technically is a shrinks and tries to pull the sur- develops new ones at the rate of of Tabor City. supercooled liquid, not a solid. As face inward. The resultant inter- 30 a day. Almost half the 102 Horry County, S. C. Coroner Fowler and a friend, Joe Scott chemists learn more of the nature ior tension and surface compress- elements are regularly used to Littlejohn Blanton of Conway said of Tabor City, were returning of glass, they are able to ex- ion must be overcome before the make various glasses.

Glassmakers see a shining fu- Roger Floyd, 18, of near Gore-Consequently, glass is no long- Fiber glass, the toughest form ture for their product. They en- town, on Loris, Route 4, had been told him he failed to see the bikes er a fragile mateial of limited of glass, is stronger than any vision glass rocket ships, strong placed under bond of \$1,000 pend- of Scott and Fowler until he was utility. In recent years scientists other material of the same weight structural glass beams, and phos- ing an inquest. have created an amazing array of provided its surface is perfect. phorescent glass highways that

to almost a million pounds per A lead oxide cast in massive square inch, but a damp finger to work with," says one glast moving northward, toward Tabor coroner said Floyd claims that the

... NOW THAT

WATSON'S

PHARMACY

A lead oxide cast in massive rubbed over the surface may cut slabs 10 inches thick is nearly as rubbed over the surface may cut engineer, "and it's made from the City at the time of the fatal accicheapest raw material in the wor- dent. The fatality occurred short- of traffic and he was unable to ly after 7 p. m., Thursday.

A Tabor City elementary school | The victim was a member of corner; and the only sure way

Larry Keith Fowler, 13, was the class. The two are class-

THE STATE PORT PILOT, SOUTHPORT, NORTH CAROLINA

dead youth, riding his bike, and highway and, as he approached, "We've got a great substances the auto, driven by Floyd, were one went right the other left. The avoid hitting it from the rear.

City, had reportedly entertained

Following the party, young

that the driver of the death car, home on their bikes. Coroner Blanton said that Floyd

## **Electronics Friend To Dairy**

Electronics have a big part in the farmer, who uses it to ad- cords stimulated this increase just his herd management pro- In North Carolina, more dairy The use of high-speed compu- gram. It helps him to get more herd improvement association ters has helped North Carolina milk per cow, at less cost. And cows are getting on machine pro-

State college develop the dairy it improves the efficiency of his cessing each year. There were 517 Some heat resistant glasses can creasingly inmortant, conventional records center of the Southeast. dairy operation. Housed in the basement of the Machine processing of dairy re- herds with 23,64 cows enrolled on April 1-71 per cent of the

college cafeteria, the machines cords began to replace human DHIA herds in the state. process dairy production records calculating in January of 1958. "An average of 11 to 12 herds from 10 states in the area. State College began with an en-Many a Tar Heel dairy farmer rollment of 1,689 cows in 27 have been transferring to the

might have quit the dairy busi-ness without the help of the elec- "In March of this year, we had Senger." tronic brains. A machine can tell 102,410 cows enrolled from 1,894 Eighteen of the 46 associations

whether he's making money this herds," says Marvin Senger, Ex- in the state are on the system month on his cows. And it can tension dairy specialist at the 100 per cent, and several more give him feeding and breeding college. "Enrollment of cows in are nearly 100 per cent.

tips to help him make more the ten-state area in production ::At our present rate of transsampling programs has jumped fer, all herds on hand-calculating Each month, individual records more than 25 per cent in the past will be using the central machine on more than 10,000 cows in the two years, and it's quite likely system by a year from now,' Southeast are sent to the center, that machine processing of re- says Senger.

near them, that the two bicycles According to Blanton, both the were traveling in the center of the

new system each month," says

needed-unless they go for a sales tax on a lot of items not So, they are in a financial

Beginning To Show? Sales of new cars in North Carolina in April were down the automobile dealer. It may be that the recession we had sharply as compared with April thrown at us during the winter of 1960, reports the Motor Veis at last beginning to show in

hicles Dept. In April of 1960 total new car sales were 10,837. This April: 8,065.

There was an even wider difference between truck sales for April of 1960 and the recent April. Last yead for the month:

good times in this State. But examine them in natural light

## A beach of cockleshells serves as the airport for the Scottish island of Barra in the Outer Hebrides. Airplanes land at low tide. 2,291. This April 1,752. Now we are talking about

Because diamonds take on surrounding color, appraisers must

vehicular trade.

WEDNESDAY, MAY 24, 1961



## **Blake Builders Supply**

Sawdust Trail Intersection Southport, N. C.

If You Don't Own A Freezer TAKE ADVANTAGE OF **REA SPECIAL OFFER \$20 BONUS ON YOUR FIRST FREEZER** If You Purchase It Before June 31st



1964?

They won't talk about it for publication, but just a lot of good Democrats here, laboring over money items and redistricting believe deeply that the Democrats will have to fight

Is the 1961 Legislature set- though certainly not all of them ting the stage for the election A-have about come to the conof a Republican Governor in elusion now that the only sure way of raising the money for Gov. Terry Sanford's education-

al Program is to put a tax on food Three solid months of conferring with revenue people have convinced them only the tax on

tax to four per cent will not **Teen-Age Bicycle Rider** yield the amount of money Killed Near Tabor City sales tax on a lot of items taxed at the present time.

