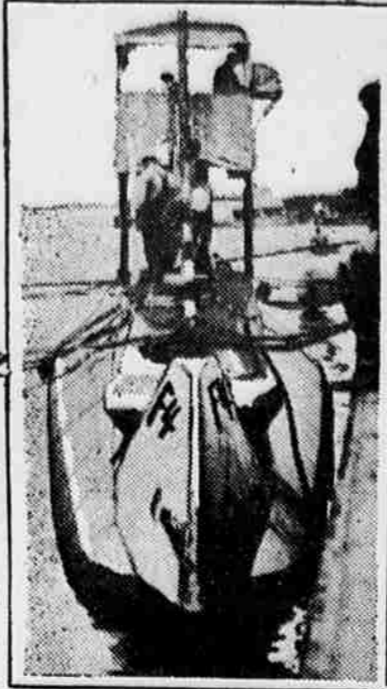


VALVES LEAKY, ENGINE BAD, BATTERIES IN POOR CONDITION, WROTE COMMANDER OF F-4 JUST BEFORE SUBMARINE WAS LOST

Leaky valves, engine breakdowns, battery explosions and bad motors were mentioned in a letter just received in Los Angeles by Allison S. Ede from his brother, Lieut. Alfred L. Ede, commander of the ill-starred submarine F-4, which sank in Honolulu harbor on March 25, in describing the condition of the boat. A veiled premonition of death was also contained in the letter, which was written three days before the submarine met disaster. The accompanying pictures have just been received from Honolulu. At the right is the last picture ever taken of the F-4. The other photograph shows a deep sea diver leaving a small boat to search the sea depths for the submarine. The photo was taken from the dredge California.



F-4 in Honolulu harbor just before the disaster; sending down diver to search sea depths for submarine.

CHILDREN TAUGHT WITHOUT BOOKS

None Used by Pupils Under 9 Years at Fairhope Experiment, Alabama.

"KIDDIES" ARE TAUGHT TO THINK

Parents' Association of Brooklyn Heights Seminary Hears Founder Describe Work.

Fairhope, Ala.—An experiment in education is being conducted in the little town of Fairhope, Ala., which aims, not merely to impart information but to perfect the entire organism of the child. It includes a complete course for the earliest years to college and departs radically from many of the accepted methods in the modern schools. It emphasizes not what the child has no name, but is merely called "the Fairhope Experiment."

The originator and director of the experiment, Mrs. Marietta L. Johnson, in telling of the work, said:

"The great trouble with most schools today is that they are informational, and not educational; they do not teach the child to think, but merely teach him facts. Pressure is made by the colleges or the high schools to have the pupils meet certain requirements; the high schools force the lower grades to impart certain facts; the children in these grades are not given time to think these things out for themselves, the teacher's business being to clinch the facts.

"The result of this is that the little

children who cannot take time to reason and find out for themselves merely memorize their lessons. This is easy for most children, and is carried through the high school, but when college is reached there is too much to memorize, and the cry is going up all over the country from the college professors: 'You do not teach your boys and girls to think.'

"The artificial standard which has been developed in the schools of this country is responsible for the lack of initiative in us. Most people have to be told what to do, and then watched to see that they do it. There is no joy in work, but it is all a task, just as the lessons at school were tasks, and we learned just what we were told to learn."

At Fairhope the body, the mind and the spirit are all developed. During the early years, when the interest in everything is keen, the little minds are directed toward certain things, but are allowed to reason and think for themselves.

At Fairhope there are no tasks given, no books are used until the children reach the age of 9. There are no grades, no marks, no requirements as far as information is concerned, and no effort to force on the children the adult point of view. In their occupations and activities they follow their own inclinations, and are helped by the teacher when they ask for help. There is liberty without license, however, for not caprice, but fundamental demands, are followed.

Marks and credits and examinations, which give opportunity for insincere work from false motives, are never heard of at Fairhope, but the children gain knowledge naturally, without having it forced upon them.

In the kindergarten the teachers use whatever material they want, but do not use any of the Montessori material. From the ages of 6 to 9, in the "first life class," there are no literary requirements whatever. The children

have occupations and nature study, and do not have their study of nature spoiled by the thought that they will be held up for what they have seen when they get back to the schoolroom. They are also given a fundamental conception of numbers by actually weighing and measuring and counting with tangible objects, but no figures are used, and nothing written down about it.

The "second life class," children of 9, 10 and 11, are given a little reading, writing and figuring. "We insist now," said Mrs. Johnson, "on the children learning to read, but the child has a right to his slowness, if he is slow to learn, and he goes on with his class just the same. There are gardens and shops, but no tasks, no lessons for tomorrow and no home work. The children come into the knowledge of books in the natural way and they learn to love books. They do not know that they are 'learning a lesson.'"

Grammar is not taught until the high school is reached, and arithmetic is reviewed thoroughly in the high school at Fairhope.

"All false motives are eliminated. The thought of failure is never presented to the child, because he goes on with his class in any event. It is no more the fault of a child that he cannot grasp a subject than it is your fault that you cannot digest a piece of beef that you have eaten. The fault may be with the beef."

This experiment has been conducted for eight years and results are wonderful in the development of spirit and initiative, Mrs. Johnson says. The children love their study and are anxious to learn. There is joy in every day of school, and the children are developing mentally, morally and physically in the natural way.

A Wisconsin inventor has patented a new kind of ski. It is provided with pivoted foot pieces that automatically send a wearer over snow or ice as he presses his toe down against the runner.

FASHIONS IN NOTE PAPER

There are fashions in note paper and calling cards, just as in everything else, and the knowledge of these same fashions stamps a person as "well bred."

The quality or finish of all the new writing papers is "laid" with a watermark instead of the linen or fabric finish, although this latter finish will still be widely used. The sheets are square, of varying sizes, from a small note up, and the envelopes invariably just half the size of the sheet, requiring but the one fold.

The cards all favor the almost square sizes: The smallest are 2 1/4 by 2 1/4 inches, while the largest are 3 1/4 by 2 1/4. The name in script is always popular and in good style, and, best of all, quite reasonable, but the old English has stood and probably will stand at the head for style of lettering on visiting cards.

The old English shaded letter is, then, the style par excellence for visiting cards, and it is also by far the most expensive. The address should now be in the right hand corner, and if one lives in the city, only street and number are required. If a reception day is desired, it should be placed in the left-hand corner.

The Roman letter is sometimes used on a visiting card, but seldom unless the name is unusual in spelling, and greater legibility is desired. For a business card, nothing is in better taste than the Roman letter.

"At home" reception and dinner cards are usually in script and of three sizes. The smallest is 3 1/2 x 4 1/2 inches, and the largest 3 7/8 x 5 inches. On all cards for luncheon or dinner, "Please reply" is preferred to the French initials, "R. S. V. P." Neither should be necessary, as every one should, as a matter of course, reply by sending a note of acceptance; but so many are thoughtless in the matter that it is the safest and surest way for the hostess to remind her guests of their duty. Especially as a reply needed when bridge whist follows a luncheon, and that it saves the hostess much anxiety for a dinner, goes without saying.

Men's cards are 2 1/2 x 1 1/2 and the same style of type as for women is usually used. No address is ever given when traveling or when a man lives at a club.

Cards for Mr. and Mrs. together are not often used. Sometimes they are fancied for the first year after marriage or to accompany gifts, but it is more or less of an old-fashioned custom.

The first year after a daughter is introduced into society she should have her name just below and on her mother's card, and this she should use at all times. If two daughters enter society during the same season, then "The Misses Grey or Smith" should be directly under the mother's name.

When the young ladies have a card of their own, whether the oldest or not, it is not longer considered correct to have just "Miss," as "Miss Grey," but instead the full name or first name and middle initial.—Philadelphia Times.

NIGHT IN THE OCEAN

Animal Life Abundant in Dark Depths of the Sea.

An official attached to the U. S. Fish Commission Albatross, which is annually sent out for the purpose of securing new specimens of deep-sea life, sums up the latest discoveries concerning the ocean.

"The deep sea, states this official, is a region of darkness, as well as of low temperature, because the rays of the sun are wholly absorbed by the superficial layers of water. Plant life is absent, but animal life is abundant in those night-haunted depths.

The majority of deep-sea animals live by eating mud and by catching the nimble particles of organic matter that descend from above.

Many of the mud eating animals are of gigantic size compared with their allies in shallower waters, but they are the prey of rapacious enemies armed with peculiar prehensile organs. Some deep sea fishes are blind, while others have enormous eyes.

Phosphorescent light plays an important role in the great deeps. Sometimes the animals are furnished with phosphorescent organs that recall the use of bull's-eye lanterns.

JAPANESE MILITARY TRICK

Simple Way of Providing Men With Gun Rests.

An Austrian military organ draws attention to one of the minor details of Japanese military practice during the late war, which seems to have escaped hitherto in Europe. In European armies the question of a rifle rest for long range firing has led to many ingenious contrivances for devising tripod arrangements. The Japanese War Department solved the difficulty in a much simpler but equally effective way. They just provided the soldier with a bag of stout cotton eight inches wide and twenty inches long, which he could carry in his cartridge case on the satchel, and on reaching the fighting line could in a minute stuff it with earth or stones. The device gave amazing assistance in accuracy of rifle fire.

DETECT LIARS BY SCIENTIFIC TEST

Dr. Louisa Burns Tells Osteopaths Action of Pulse is Bound to Betray Them.

IS USED FOR DIAGNOSIS ALSO

She is Certain She Can Find Out the Truth From Witnesses in Criminal Cases.

New York—The man isn't born who can tell a lie under close observation, of physiological experts without an increase in the pressure of the blood, according to a statement made by Dr. Louisa Burns of the A. T. Still Research Institute of Chicago, at the final meeting of the sixteenth annual convention of the New York Osteopathic Society. Dr. Burns has drawn her conclusions from a long series of experiments, conducted in her laboratory.

It was pointed out to the 300 osteopaths by Dr. Burns that any habitual liar could tell an untruth without betraying the slightest sign of deceit in the expression of his face or the movement of his body. But the action of the pulse, she said, was far beyond the control even of the best liar. She explained that his was so because the pulse or pressure of blood was influenced chiefly by the change of emotions, and the most finished liar, she observed, had sometimes the strongest emotions.

"The action of the blood pressure is an indicator to the person who is accustomed to work with it. By watching it you are able to get the true history of a case, even in spite of the reticence of the patient, in the same way in which you are able to find a hidden object in the game of hide and seek, when your search is guided toward that hidden thing by the warning, 'You're getting hot,' and away from it by the counter warning 'You're getting cold.'

"When a patient comes to my office I always find it is better to work with him lying on a table. In order to avoid distracting his attention it is better to sit quietly beside him rather than stand over him. He is engaged in a conversation at first simply about the nature of his complaint. Meanwhile I have found his pulse, and as the conversation progresses the patient soon forgets that his pulse is the one thing under observation. If the patient is asked about a certain thing which may have been true of his case he will confirm your guess by the action of his pulse, even though he may evade your question. If he is trying to keep from disclosing this fact to you the pressure of his blood will inevitably be increased."

Dr. Burns said she was certain she

could take a witness in a criminal case and find out absolutely to her own satisfaction whether he was telling the truth or lying. However, she would be unwilling to give testimony this way for conviction. Asked if a man of low mentality responded differently in the pressure of his blood to a man of higher mentality, Dr. Burns explained that he did, yet the truth and the lie were as easily distinguished in one as in the other.

BIG CENTRAL AND WESTERN MICHIGAN FARM BARGAINS

Fertile hardwood, loam and clay, clover, grain and stock farms. Only the best. Send for list. George Van Liew, Cadillac, Michigan.

The J. J. Freeman Co. 307 Summit St. Toledo, O.



Inquire about Crook's New Optical Glass for Lenses

SAFETY FIRST For Your Money

IS THE MOTTO OF THE MARKET SAVINGS BANK 4% on Savings TOLEDO, O.

Pheifers' LUNCH

222-4 St. Clair St. next to old P. O. TOLEDO, OHIO POPULAR PRICES THE BEST FOR LESS

ELECTRIC CHANDELIERS

For Every Requirement. Distinctive and Artistic Designs. The Western Gas Fixture Co. Designers and Manufacturers. Established 1892. Retail Salesroom 613 N. St. Clair St., Near Cherry, Toledo.

HORSES! HORSES!

Every Saturday at 10:30 A. M. ED. BROADWAYS No. 14 SO. SUPERIOR ST. TOLEDO The Largest and Best Horse-Market in Ohio. All Stock and cheaper than you can buy elsewhere. A fine line of farm chunks.



Buckeye Paints

ARE GOOD PAINTS THEY LAST LONGER AND WEAR BETTER ASK YOUR DEALER OR WRITE US BUCKEYE PAINT & VARNISH CO TOLEDO, OHIO

3 Regular 30c Steel Mantle Burners for 45c

SPECIAL OFFER

3 Steel Mantle Burners for 45c

If You Send in the COUPON Below—with the names of two possible users of STEEL MANTLE BURNERS.



Gives a Clear White Light Odorless

SEND IN THIS COUPON together with 45c and two names. Good for 3 Steel Mantle Burners Same burner we have been selling for 30c ea.

Name _____ Address _____ Name _____ Address _____

ONE STEEL MANTLE BURNER GIVES AS MUCH LIGHT AS 3 COMMON BURNERS

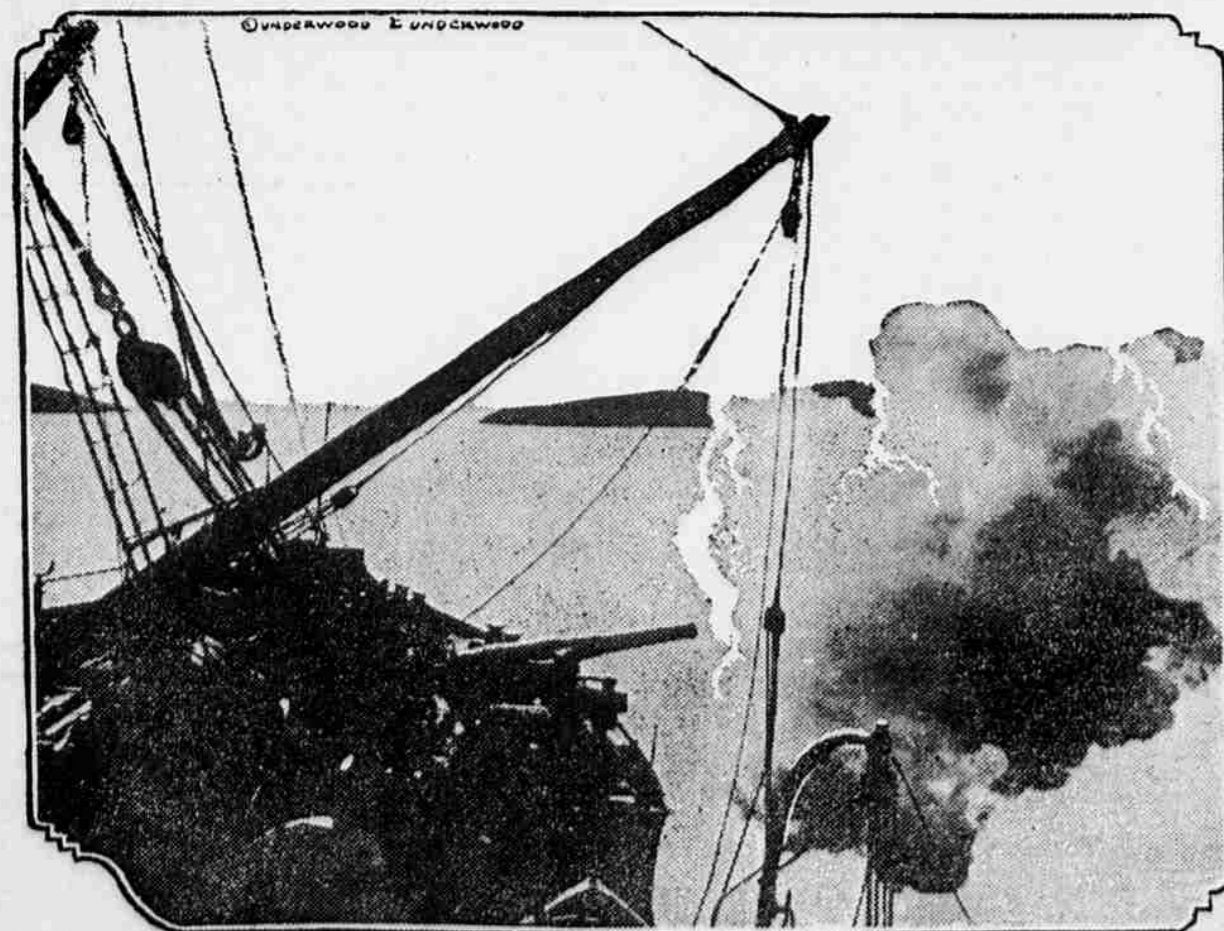
REASON WHY It converts Kerosene Oil into GAS and BURNS the Gas.

Our Guarantee Your Money Back If You Want It

In Cash, Stamps or Money Order No. 1 Burner uses 3/4-inch wick. No. 2 Burner uses 1-inch wick. Specify Size Wanted.

WRITE TODAY Chapman Mfg. Co. 335 Erie Street TOLEDO, OHIO

ALLIED WARSHIP BOMBARDING THE DARDANELLES FORTS



In the bombardment of the Dardanelles the allies are making use of all available vessels. Merchantmen have been pressed into the service and armed with smaller guns for the purpose of fighting close to the shore and dislodging the Turks from their temporary earth defenses. Under the protection of the guns from the big ships they have been able to do this work very effectively and with small danger to themselves. The picture shows one of these converted merchantmen sending over a broadside at the Turkish defenses on the shore.