

NATURE STUDY OUTLINE

I. HOW THE CANDLE BURNS

By FRANKLIN L. STEVENS.

M. Sc., Ph. D., Professor of Botany and Vegetable Pathology, North Carolina Agricultural and Mechanical College.

How the candle burns is suggested for the fourth grade the third week in January. This is the first exercise that belongs to the domain of chemistry...

Take to school with you a piece of candle put it up on your desk in plain sight of all your school, tell them the object of the experiment you are about to make. Then light the candle...

These two experiments will demonstrate that the tip and outer edges of the flame are hot, and that the center of the flame is comparatively cold...

Another experiment of a similar kind is to take a piece of white paper, hold it in a horizontal position and suddenly lower it over the candle flame until it almost touches the wick...

You can now explain to your pupils that this is gas and that the hot part is the burning gas. All flame is burning gas.

NATURE STUDY BOOKS I am very frequently asked by teachers to recommend books upon Nature Study objects. The demand for information concerning such books is quite general...

reader and a second reader, are books adapted to the lower grades of the school.

The object of these books is to develop a love for art, literature, and nature. In each book is a chapter devoted to each month from September to June.

These are very interesting and attractive stories with a strong nature flavor. The books are charmingly gotten up. They are sold at 25 cents each.

Another experiment of a similar kind is to take a piece of white paper, hold it in a horizontal position and suddenly lower it over the candle flame until it almost touches the wick.

For you older people this week you will find the third exercise in the sixth grade of extreme interest. This topic needs no further suggestion. You may easily elaborate it and work it up for yourself.

A HOME FOR GIRLS

Movement on Foot at Guilford College a Dormitory for 100 Girls Who May Board Themselves, Thus Allowing Them to Complete Their Education.

To the Editor of The Observer: As many of our friends are aware, there is on foot an effort to erect at Guilford College a dormitory for the use of girls who desire to board themselves.

Now that the college is on the eve of great expansion, it is our desire to so enlarge our work as to admit young girls who have the opportunity to secure its advantages.

While this work is distinct from the college proper, it is entirely under the control of the college and the building when erected will belong to the college.

Treasurer Girl's Aid Building Fund, Guilford College, Jan. 10, 1936.

MISSIONARY EXERCISES

Rev. C. T. Willingham Addresses Baptist Congregation at Gastonia—A Marriage.

Correspondence of The Observer: Gastonia, Jan. 12.—A large crowd attended the exercises at the Baptist church Tuesday night.

Judge Ferguson Will Pass Sentence on Alleged Store Burglars at Durham To-Day—The Case Attracts Much Interest.

BARBEE AND EVANS GUILTY

Correspondence of The Observer: Durham, Jan. 12.—After being out twenty-seven hours the jury in the store burglary case at Durham, N. C., returned a verdict of guilty as to both this afternoon at 3 o'clock.

This crime was committed on May 15th last when a store of Matheson-Kirkland Company, East Durham, was entered and robbed. Barbree and Evans were the principal actors in the crime.

Winston Man Presides University Law Class

Correspondence of The Observer: Winston-Salem, Jan. 12.—Mr. W. T. Wilson, of this city, has been elected president of the University of North Carolina Law School.

TO BE BIGGEST IN SOUTH

Movement on Foot at Greensboro to Organize Insurance Company With \$150,000 Capital.

Correspondence of The Observer: Greensboro, Jan. 12.—At a largely attended meeting here last night of representative business men from all over North Carolina, preliminary steps were taken looking to the formation of a \$150,000 fire insurance company.

Always Takes a Basket of Eggs

Chatham Record: A colored man, named West Lynn, has bought for \$2,000 the farm of Mr. Charles O. Freer, about two miles north of this place.

To Remove FRECKLES AND PIMPLES IN 10 DAYS, USE NADINOLA, The Completion Beautifier.



THE NADINOLA GIRL

NADINOLA is a new discovery guaranteed, and money will be refunded in any case where it fails to remove freckles, pimples, liver spots, collar discolorations, blackheads, disfiguring eruptions, etc.

THE MOON IS MADE OF GREEN CHEESE

Many people would lead her to believe, when the housewife goes to purchase flour for her baking day—but if she has seen the advertisement of the Nadinola Flour Mills, she will take nothing else.

VICTORIA KEENE'S CEMENT

The best and most economical material known for plastering and imitation tile work.

J. C. GRINNAN, 173 Main St., Norfolk, Va.

LET US SERVE YOU COAL

For all purposes. We sell the best Coal that money can buy, and know we can give satisfaction, no matter what your fuel requirements may be.

STANDARD ICE & FUEL CO.

Charlotte, N. C.

Fine Old Whiskies

Express Prepaid. One gallon 4-year-old corn whiskey \$3.00. One gallon 3-year-old corn whiskey \$2.50.

SPECIAL SALE!

On Biscuit Beaters reduced from \$2.25 to \$1. Come before they are all gone.

Armstead Burwell, Jr.

Phone 243 North Tryon St. 25

\$70,400.00

A New Year's Greeting That Counts

THE MECHANICS' PERPETUAL BUILDING AND LOAN ASSOCIATION makes its profoundest bow to the citizens of Charlotte and vicinity—to its Stockholders in general and to the holders of shares in the 34TH SERIES in particular—and bring them the ever welcome news that, with the second payment of dues in this month, that SERIES WILL MATURE, and on Wednesday, the 17th inst., we will be ready to pay it off.

\$70,400.00

of which \$40,000 will be paid out in cash and \$30,400 in the cancellation of 34 mortgages; so that 34 families will celebrate this new year with Homes of their own.

While this Association has secured its full share of support and confidence from this community, its officers feel that they have earned and deserved it.

ON MARCH 1ST will commence a new, the 47TH SERIES, and prospective borrowers are advised to begin to clean out the hedge-rows, and be ready to subscribe to the new series, in order that their prospective loans may be reached in early building season.

R. E. COCHRANE, Sec'y. and Treas. S. WITKOWSKY, Pres

Horses & Mules

We Now Have Over 100 Head of Horses and Mules in our Sales Stables

and will continue to carry that many or more during the months of January, February and March. Remember, when you buy a horse or mule from us each animal must bear represented.

J. W. WADSWORTH'S SONS COMPANY.

Advertisement for COCKADE RYE WHISKEY, featuring a bottle illustration and text: 'FIVE YEARS OLD SMOOTH AND MELLOW'.

Advertisement for Standard Ice & Fuel Co. featuring a list of products and prices: 'One gallon 4-year-old corn whiskey \$3.00'.

INDIAN TRADITIONS

II-The Dissemblers

By MRS. SARAH E. EASTMAN

The Indian has of course his own interpretation of all nature's works. His accounting for what is, differs materially, it is needless to say, often from the actual.

In a vast circle seated inside the wigwam smoked and thought the council of chiefs and medicine men.

The twilight deepened into darkness and the moonless night almost merged into midnight.

There had been rumors of trouble amongst the tribes of the nation. There was danger from jealousy and envy. The braves no longer sought the hunting grounds with a cheerful spirit, but gloom seemed to have placed its sad burden on their shoulders and looked frowardly from their faces.

this mischief-breeding agitation. For a council had been called of the tribal magistrates—chiefs, medicine men and braves.

So should be carried away all pretenses, and the very air should be purified of all malices. The fire being kindled each contributed in turn, according to rank, his word and with it his enmity, returning to his place with the serene expression of one who had made a resolve to lead henceforth a new life.

This ceremony was followed by a joyous dance of triumph, around the blazing fire, until the sun rose smiling on a silent, happy group, which now wended their way up the narrow path of the mountain in Indian file.

They are dissemblers, white one moment, then green-changing with each venting wind, and treacherous as the breeze, being double-faced.