

# GET A PRIZE SIX PRIZES

will be given for the six best Essays on "THE WINTER BIRDS OF NEW BRUNSWICK."

FIRST—A splendid Book of the European War.

SECOND—The two next best each a leather bound volume of the poems of his or her favorite poet.

THIRD—For next three, each a book of prose written by some standard English Author.

### CONDITIONS.

1. Essays to be handed in before May 20, unless the time is extended by our announcement.

2. Each essay accompanied with a statement of full Name, Age and address of pupil. The name of his or her teacher and an affirmation that the work was done by pupil alone.

3. Each essay to be accompanied by one new subscription to the Dispatch.

The essay that wins the first prize will be printed in "The Dispatch."

### THE DISPATCH.

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K. Appleby Business Manager

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Advertising Rates on application

### HISTORY OF MATCHES

Three Million Matches Used Every Minute

The first friction match dates back to 1829. They were made and dipped by hand, and sold for a little over two dollars per hundred.

To-day the same quantity may be bought for a couple of cents, or even less. This cheapness is due to the fact that all matches are made, and most of them are dipped by machinery. In making matches by one process, a cylinder of pine wood the length of seven matches, which has been soaked in water to make it tough, is placed in a sort of lathe and as it revolves the circumference comes in contact with a sharp blade which cuts off a continuous shaving the thickness of a match. As this shaving comes away from the log it is cut into seven strips, each as wide as a match is long. These ribbons are cut into lengths of about eight feet, and one hundred and twenty or so are piled on top of each other, and fed into a cutting machine, which cuts as many splints as there are ribbons in the pile. Rapid as this process of making splints is, it has been displaced in America by another method in which very little hard work is required. In this case the raw material is received at the factory in the shape of a two-inch white pine plank. This is sawed into blocks the length of the match.

The blocks are then fastened by means of clamps, to the bed of the machine, and cutters groove out a set of splints from the surface. The cutters do not turn the entire surface into splints at one impact, but cut them out one-fourth of an inch apart. The ridges left between the pieces from which the first set of splints was cut, are then worked up, and so on until the whole block is consumed.

As soon as the splints are separated from the block they are seized in iron clamp plates, which form an endless chain. The endless chain carries the splints across a steam-heated drum, which warms them nearly to the temperature of the paraffin, into which they are next dipped. From the paraffin bath the splints move on continuously to the rollers that carry the "heading mixture"—phosphorous, chlorate of potash, etc.—and, as the matches are carried past the rollers each one receives a red or blue head, as the case may be. From the rollers they continue on through a room swept by a blast of cold dry air.

The matches move on until, just before they reach the starting point again, an automatic punch thrusts the matches out and places them side by side in a box, put in the right, at the right time, by another endless belt. It is estimated that the nations of the civilized world use, in round numbers, three million matches a minute. Fifteen hundred billion is the enormous number for the entire year.

### HABITS OF SEAGULLS

Not to be Easily "Gulled" Though Name Implies Same

The name Gull is a misnomer for the bird is less gullible, and few combine such interest, grace and sagacity. Gulls possess marvellous powers of flight and are indeed the living model of the modern monoplane. The German aviators called their machines taube (meaning pigeon), but it is not the pigeon but the gull they imitated. The relative size of wing and body, the gliding motion, is exclusively that of the gull.

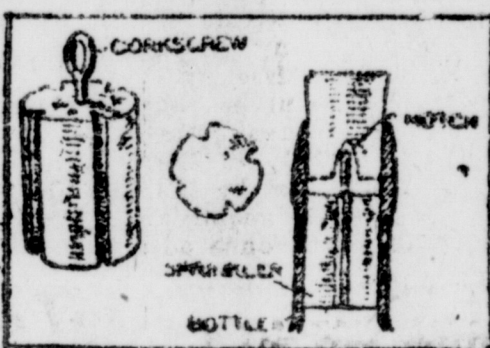
Scientists can only partly explain their flight where in the strongest gale, they glide against the wind with never a perceptible movement of their outstretched wings. As the kite is kept up by wind pressure, so it must be with the gull, a slight upward movement of the wings causes it to rise. This is followed by a long gradual slant downwards, in which it gathers momentum for soaring heavenward again. Many species are represented under this general term, varying much in color, size, and habits. One species, the Skua, in habits partakes more of the nature of the hawk, he is a genuine plunderer, a pirate in fact, living solely on the hard gotten gains of others. The Skuas are exclusively seagulls, never leaving the ocean as other gulls do in search of food. The ordinary gull is, however, very tame and becomes fearless of man when not molested. In London, the largest city in the world, the gull is quite at home. At any of the bridges over the Thames or in the parks near the river a flock of gulls can be collected in a few minutes by throwing bread into the water. At London Bridge one of the busiest thoroughfares, the gulls delight many a crowd, and bring a touch of brightness into lives, lived amidst the murk and gloom of winter fogs. Poised on the wing about the parapet, they are adepts at catching the food thrown them, while some of the tamer ones will snatch a morsel from the hand.

### CARE OF HARNESS

Neat's Foot Oil Best Leather Protector

Leather goods of any kind are expensive. You can greatly prolong their usefulness of such goods by proper care in keeping them free of mud and by frequent oiling. Mud is more destructive to leather than moderate wear; water is even more destructive. Therefore, one of the main things to be observed in the care of harness is to keep it clean and the pores filled with the proper ingredients to increase the pliability, and at the same time render the leather impervious to water. Any leather which freely takes in water soon becomes brittle, and its usefulness is thereby greatly impaired. Before oiling harness unbuckle every strap and wash it clean with warm, soft water, in which there is a little castile soap, using a sponge or cloth, and when it is nearly dry apply the oil. Vegetable oils, with the exception of castor oil, being hardening in their effect, should not be applied to harness. Neat's foot oil is considered one of the very best leather protectors that can be used. It is necessary that the leather be slightly dampened before applying the oil, so that it will penetrate. One quart of neat's foot oil four ounces of beef tallow and three tablespoonfuls of lampblack make an excellent dressing for harness.

### Shaker Top That Fits Any Bottle



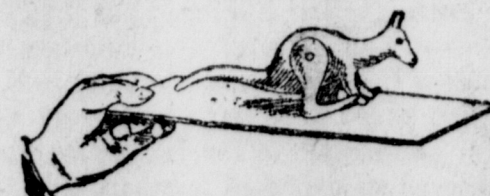
There are many times the cook wants to use a sprinkler bottle when she hasn't one. Shaker tops are very easy to make for any bottle. Two corks and a small corkscrew are all that is necessary. Put the corkscrew into a cork that will go down into the neck of the bottle. Notch the cork so that there will be four channels for the contents of the bottle to flow out. Have the top of the bottom cork low enough to permit a top cork to fit in the neck. The corkscrew is there for the purpose of pulling out the notched cork when it needs cleaning.

### A JUMPING KANGAROO

A Mechanical Toy That May be Made Easily

The newest kind of mechanical toy, according to the toy dealers' bulletin is a jumping kangaroo that jumps without the aid of a spring or any sort of inner works—simply utilizing a well known section of the law of gravity. Any one clever enough to carve rude figures in wood can make one.

The large hind legs of the beast are fastened immovably on an axle or pin and are attached, one on each side, so that they will swing together. When the kangaroo is placed on a slightly inclined surface. When the figure falls forward so that the front legs touch the inclined



surface the tail flies up and causes the swinging hind legs to forward until they come in contact with the incline again and relieve the weight from the front legs which go up and then come down again by force of gravity, the operation being continued as long as the surface is inclined and the kangaroo moving forward by little leaps and bounds throughout the operation.

Adjust the weights in the body carefully, at least the weight of the body, so that the proper balance is obtained.

## Important Announcement

\$10. VALUE FOR \$1.00

We have set apart this page of OUR PAPER for a SCHOOL and FARM Section. It will contain SPECIAL INFORMATION along the line of work prescribed for the public school as well as the general principles of agriculture as outlined by the specialists at work on its different branches.

A column will be devoted to questions and answers on points that may arise in school work.

CONTESTS in ordinary school work with SPECIAL PRIZES will be arranged for later. We will make a SPECIAL OFFER to any school applying with a club order of six pupils or upwards.

Here is an OPPORTUNITY to secure the ADVANTAGE of a local paper, and a store of useful information beside.

NEW SUBSCRIBERS and ALL making inquiries respecting this section.

ADDRESS-- THE DISPATCH

Box 296

WOODSTOCK, N. B.

### Bolivia Now Against Germany

La Paz, Bolivia, April 13.—The German minister and his staff have been handed their passports by the Bolivian Government with a note declaring that diplomatic relations between Bolivia and Germany have been severed.

### HEART LIFE AMBER

cures Heart Disease, Purifies the Blood, Heals the Lungs and Gives Good Appetite. By Mail \$1.00.

DR. WYMAN

BEECHWOOD, N. B.

Mar. 21—41

### PUBLIC HACK

PRICES REASONABLE for TOWN and COUNTRY work

H. H. JONES

PHONE - - - 30-11

### REPRESENTATIVE WANTED

at once for

### WOODSTOCK

and District for

### CANADA'S GREATEST NURSERIES

Spring 1917 List

now ready

Splendid list of hardy fruit and Ornamental Stock suitable for the Maritime Provinces,

including,

MINTOSH RED APPLE

St. Regis Everbearing Raspberry and many other leaders

New illustrated Catalogue sent on application

Starting at best selling time liberal Proposition.

STONE AND WELLINGTON

The Fonthill Nurseries.

(Established 1837)

TORONTO— — — ONTARIO

### Notice to Delinquents

Feb. 16th 1917

All persons who are in arrears for Taxes, Water and Sewer rates in the Parish of Woodstock are requested to make payment within ten days from above date and avoid executions being issued.

H. D. STEVENS

Town Treasurer

### FOR SALE

FOR SALE,—6 octave piano case organ suitable for house or church

Apply to Miss E. Henderson Orange Street

### House For Sale

Large House 16 rooms with woodshed and barn situate on Broadway near Valley Railway Station. Land freehold, one and one half extra lots adjacent suitable for gardening.

ROBERT L. SIMMS SOLICITOR

Sentinel Building King Street Woodstock, N. B.

### TO RENT

TO RENT,—Rooms to rent in the Vendome, Queen Street.

Apply to

MRS. E. W. WILLIAMS, MAPLE SHADE FARM RIVER ROAD

TO LET,—Furnished flat on Orange Street. Possession given May 1.

Apply to Miss E. Henderson Orange Street

### WANTED

WANTED,—A man for 3 months who can manage horses and knows how to farm. \$40.00 per month to the right man.

Apply to G. S. Chute Hanna, Alta.

### Learn Bookkeeping

The Undersigned is prepared to give private instruction in bookkeeping—Evenings.

W. R. JONES

Woodstock, N. B.