

SOMETHING For the LITTLE ONES

BIRD'S NEST CHANGED ROAD

Thousands of Men, Horses and Wagons Turned Aside to Avoid Doing Harm to Songster's Home.

Some years ago, Gen. David S. Stanley of the United States army was leading a force across the plains. He was laying out the route for a great railroad. There were 2,000 men, 2,500 horses and mules and a train of 250 wagons heavily laden.

One day the general was riding at the head of the broad column, when suddenly his voice rang out, "Halt!"

A bird's nest lay on the ground directly in front of him. In another moment the horses would have trampled on the nestlings. The mother bird was flying about and chirping in the greatest anxiety. But the brave general had not brought out his army to destroy a bird's nest.

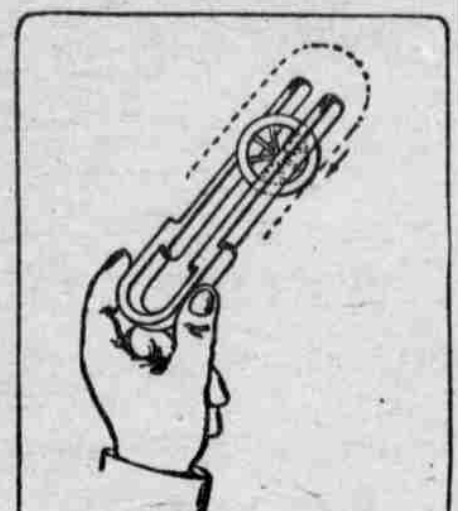
He halted for a moment, looked at the little birds in the nest below, and then gave the order, "Left oblique!"

Men, horses, mules and wagons turned aside, and spared the home of helpless bird. Months, and even years after, those who crossed the plains saw a great bend in the trail. It was the bend made to avoid crushing the bird's nest.—Young People's Paper.

LITTLE TOY IS EDUCATIONAL

Wheel Rolls Round Ends of Magnet, but Does Not Fall Off—Puzzling to the Uninitiated.

A toy that is both amusing and of educational value has been patented by an Ohio man. A horseshoe magnet with unusually long poles has the ends of these poles rounded. A single wheel, with a round steel bar running



An Educational Toy.

through it for an axle, rests upon this axle on the poles of the magnet, which form an endless track for it. The wheel, of course, is made light enough that the attraction of the magnet keeps it from falling off, yet the wheel can roll about easily on what is practically an endless track. To a child this toy brings home more forcibly than any lecture by his school teacher the power and principle of magnetism, and he will delight in "fooling" his friends with it. The uninitiated will naturally expect the wheel to roll off the ends of the horseshoe and will be amazed to see it merely roll down the ends and back on the under side.

Occasion for Pride.

Dorothy, Della and Daisy, three youngsters of a New Jersey town, were discoursing about the baby brothers who had taken up their residence in the three families during the last year.

"My little brother Tom's got a lovely silver mug that grandfather just sent him," said Dorothy. "It's a beauty, and he had a silver knife and fork from grandma, too."

"My little brother Harry's got a beautiful carved rattle that Uncle Dick sent him from Japan," said Della. "It's the prettiest rattle that I ever saw."

"My little brother Willie's not as big as your brothers," said Daisy, with an air of endeavoring to conceal a feeling of triumph, "but the doctor says he's had more spasms than any other baby in the whole neighborhood, so there!"—Lippincott's.

His Reason.

Once when Phillips Brooks was recovering from a rather severe illness he ordered that no one whatsoever be admitted to see him. One fine day Robert G. Ingersoll called and the bishop requested that he be admitted and brought to the sickroom at once.

"I certainly appreciate this," said the mystified Ingersoll, when he had shaken hands with the reverend gentleman, "but why see me when you deny yourself to your friends?"

"It is this way," responded the bishop. "I feel confident of seeing my friends in the next world, but this may be my last chance of seeing you!"

The Myster Revealed.

Little Ethel—I know why it isn't safe to count your chickens before they're hatched. Mother—Why, dear? Little Ethel—Coz' sum of 'em might be ducks.—Ohio State Journal.

A Vacuum Abhorred.

What is that which a young girl looks for, but does not wish to find? A hole in her stocking.

SWINGING A PENDULUM

Articles Needed for Trick Are Easily Picked Up.

With Little Practice Anyone Can Be Come Skilled Medium—It is Only Necessary to Move the Table That is in Use Slightly.

To swing a pendulum, picked out from a number of them at random, without touching it is a very puzzling trick. The articles necessary are a medium-sized table and a number of pendulums, some of which are suspended from a rod with their lower weighted ends inside of water and wine glasses placed on the table, and others attached to works so that they will hang inside of bottles.

The spectators gather around the table, which can be in full light, writes James A. Hart of Philadelphia



Any One Pendulum Can Be Made to Swing at Will by Moving the Table Slightly.

In the Popular Mechanics. The performer sits at one side of the table with his hands flat on the top. A person may pick out any pendulum and ask him to swing it, which he will proceed to do without touching it, also making it strike the glass while it swings. Another pendulum may be pointed out and he will start that one apparently by looking at it, while the other one stops.

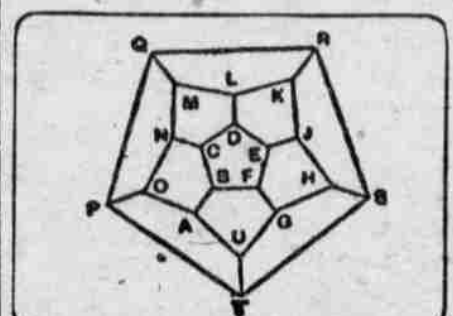
This may seem to be impossible, yet it is very easy. It will be seen that no two pendulums have the same length. A pendulum makes a certain number of swings in a given time, depending on its length. A long pendulum requires more time to complete its swing and will, therefore, make a less number of swings than a short one in the same time. It is only necessary to move the table slightly and watch the pendulum picked out until it begins to swing independently of the others, which soon happens. To make the longer pendulums swing, longer movements of the table top must be made. With a little practice anyone can become a skilled medium in pendulum swinging.

WORLD PUZZLE IS AMUSING

Trick is to Start From Any Angle or Town on Diagram and Visit Every Other Village Once.

Can you, starting from any angle or town on this diagram, find a route which will take you to every other town once, and once only?

The route must bring you back to the town from which you set out. Starting from any angle or town on this diagram, to visit every other town once, and once only, and to re-



Around the World Puzzle.

turn to our starting point we may take either of these two courses: F B A U T P O N C D E J K L M Q R S H G F.

OR F B A U T S R K L M Q P O N C D E J H G F.

The arrangement is cyclical, and the route can be begun at any point by transferring the proper number of letters from one end to the other.

Out of the Mouths of Babes.

Aunt Alma—So you took your first dancing lesson today. Was it difficult? Louise—No. All I had to do was keep turning round and wiping my feet.

Tommy—Papa, a river is fed by small streams, isn't it? Papa—Yes, my son.

Tommy—Then I s'pose that is what makes its mouth water. Arthur—Mamma, I hurt my finger. Please tie a rag on it.

Mamma (after an examination)—It isn't injured enough to need tying up, dear.

Arthur—Well, tie a rag on it, anyway, so I won't forget which finger it is that hurts.—Chicago News.

Danger Not Imminent.

"Better go home, Jimmy. Your mother is looking for you." "Has she got the hair brush with her?" "No." "Then I guess I'll play awhile longer."

Fully Equipped.

"Chew your food, Doris, before you swallow it; your stomach hasn't teeth to chew with." "Mine has. I swallowed two last summer."—Life.

NOTES From MEADOWBROOK FARM



Cull the old hens.

Give the chickens a variety.

There is a shortage of young cattle.

Do not allow the food to sour in the feed trough.

Good roads are community builders and farm developers.

Young turkeys are very liable to have lice, especially head lice.

In nearly every section of Iowa hogs are used to harvest corn.

When the little pigs are weaned, put the sow out of their hearing for a while.

If the hens are not laying the chances are that the fault is with their keeper.

In Agriculture is the Hope of the Nation. In Applied Science lies the Hope of Agriculture.

Have you any sheep? Then don't keep curs! Have you any curs? Kill them and get sheep!

Good ventilation is essential, but it should be so arranged that the cows shall not be exposed to a draft.

The smaller the quarters the greater the care necessary in order to keep the hen houses clean and sanitary.

Sheep, if given a place on the farm, will help you rid the place of noxious weeds and pay a revenue while doing it.

Sweet clover seed weighs the same as red clover or alfalfa when it is free from hulls; that is, sixty pounds per bushel.

Turkeys always bring a good price from October to March, and in some sections, a flock of turkeys is found on nearly all farms.

It is much better to feed a variety or number of grains to chickens than just one. Wheat is the best single grain that we can feed.

A painted fence post is certainly an addition to the road side, but a painted post hidden by nice thrifty weeds is not exactly a good combination.

Ireland is the greatest poultry raising country in the world. Ireland with a population of only 5,000,000 has \$14,000,000 fowls within her boundaries.

Turkey fluff feathers net all the way from \$9 to \$12 per pound when sold to milliners. The other feathers command a price of 35 to 40 cents per pound.

In the drought-stricken sections of this country the dairy cow is the farmer's main hope. She is the last animal he lets go off the farm when he makes a sale.

A cold grindstone is an uncomfortable thing to use in wintry weather. Warm water will soon take the frost out, but don't have it too hot. Hot water is bad for the stone.

Put a small handful of meal in the pail of milk. The calf in licking the pail will get the meal, and after it learns to eat this way a small feeding box can be used to better advantage.

It is useless to try and protect your farm by fencing if you do not have properly built gates; the poor, almost worthless gate is the most expensive and troublesome thing the farmer has to contend with.

The sow should raise two litters each year, and she must have a period of rest between the farrowing times in order to renew her strength and flesh and be able to mother well the following litter.

We do not advise shipping turkeys to market alive because they are very timid and the continual fright they receive reduces their weight from two to even six or eight pounds in some instances where they are kept very long.

The Wyoming experiment station has investigated the subject of alfalfa hay for horses, and finds that alfalfa is a satisfactory feed for all classes of horses and careful horsemen need not hesitate to incorporate it into their rations.

The hoofs of sheep make rapid growth, a provision of nature to stand the wear and tear of stony ground. Consequently when on soft pastures there will not be sufficient wear for the hoofs, and they should be pared at least twice a year.

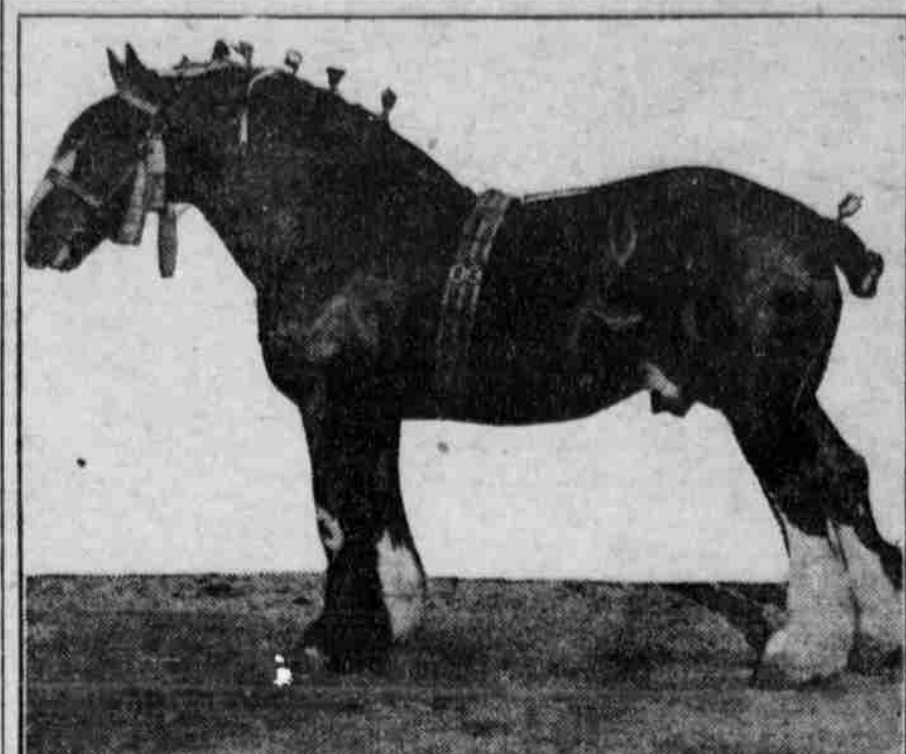
- There is a profit in goats.
- Handle the dairy cow gently.
- Grow the pigs from the start.
- Cows build up worn-out land.
- Bones are valuable for poultry.
- Low, marshy pastures are unfit for sheep.
- Clover or alfalfa hay is just the thing for calves.
- Clean nests are very essential in producing clean eggs.
- Sheep manure has very aptly been termed "American guano."
- Selling young heifers from the best cows is moving backward in dairying.
- Do not let the turkeys fall off in flesh when insect food becomes scarce.
- Farming is mankind's greatest industry, and the soil its greatest physical asset.
- Keep just as many sheep as the grass will stand and that you can rightly manage.

The colony plan for housing poultry may be adopted to good advantage on many farms.

Fresh milk cows are bringing the highest prices ever known this fall in spite of the dry season.

Few men understand the possibilities of a hundred hens when worked up to their limit of capacity.

PRACTICAL SUGGESTIONS FOR FARM WORK



Champion Clydesdale Stallion.

(By M. COVERDELL)

If the American farmer would make more use of the fanning mill, his live stock would get more real sustenance from pure grain, our grass and grain crops would be of a purer grade, and our fields would not be seeded down to weeds every year by the weed seeds passing through the animals and being deposited in their manure; then hauled out and scattered in this rich, seed bed over the fields.

There are just two extremes to be avoided when providing ventilation for stock or poultry in close quarters during the winter months. The first and most common is insufficient air, the other is too much.

We must not get the idea that it is necessary to close every opening in a building in order to keep the stock warm and in good health. Provide an aperture by which the fresh air may enter each building, and one that will allow the foul air to pass out as it is breathed and poison-laden; then regulate the size of the openings as the weather changes.

HINTS IN CARE OF POULTRY AND PIGEONS

Feeding Problem Is Greatly Simplified if Hens of Same Size Are Kept Together.

Never feed oats to pigeons, young or old. Orange boxes make good nests for pigeons.

MULES ON DELIVERY WAGONS IN COUNTRY



A matched mule team. The general-purpose mule is often observed wherever heavy hauling is being done and is also being used more and more on delivery wagons on the country routes. Under every condition he is found equal to the occasion.