# Something Forthe

BIRD'S NEST CHANGED ROAD

Thousands of Men, Horses and Wagone 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 others attached to orks so that they 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.

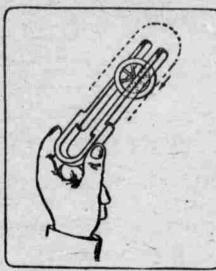
He halted for a moment, looked at the little birds in the nest below, and then gave the order. "Left oblique!"

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 Fail 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 while it swings. Another pendulum with unusually long poles has the ends of these poles rounded. A single that one apparently by looking at it, 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 mag- town on this diagram, find a route net keeps it from falling off, yet the which will take you to every other wheel can roll about easily on what town once, and once only? is practically an endless track. To a child this toy brings home more forci. the town from which you set out. bly than any lecture by his school teacher the power and principle of this diagram, to visit every other magnetism, and he will delight in town once, and once only, and to re-"fooling" his friends with it. The uninitiated will naturally expect the wheel to roll off the arms 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

"My little brother Tom's got a lovely silver mug that grandfather just sent him," said Dorothy. "It's a take either of these two courses: 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 Delia. "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 to chew with." looks for, but does not wish to find? A hole in her stocking.

Articles Needed for Trick Are Easily Picked Up.

With Little Practice Anyone Can Become 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 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 may be pointed out and he will start while the other one stops.

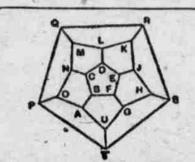
This may seem to be impossible. yet it is very easy. It will be seen that no two pendulums have the same length. A pendulum makes a certain number of swings in a given time, depending on its length. A long pendulum requires more time to complete its swing and will, therefore, make a less number of swings 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 free from hulls; that is, sixty pounds 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

The route must bring you back to Starting from any angle or town on



Around the World Puzzle.

turn to our starting point we may FBAUTPONCDEJKLMQ RSHGF,

FBAUTSRKLMQPONCD EJHGF. 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.

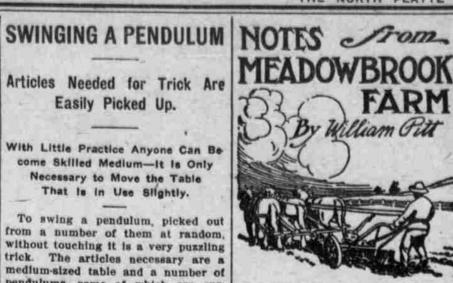
Arthur-Well, tie a rag on it, anyway, so I won't forget which finger it is that hurts.--Chicago News.

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 "Mine has. I swallowed two last summer."-Life.



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 lowa

hogs are used to harvest corn. When the little pigs are weaned, put the sow out of their hearing for a

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 noxlous weeds and pay a revenue while do-Sweet clover seed weighs the same as red clover or alfalfa when it is

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 best returns cannot be expected. 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 boundar-

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

In the drouth-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 uncomfort-

able 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 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 to even six or eight pounds in some long. '

The Wyoming experiment station has investigated the subject of alfalfa matters little what hours are selected, hay for horses, and finds that alfalfa provided the cows are milked reguis a satisfactory feed for all classes of larly and go through the same routine horses and careful horsemen need not at the same hours each day. Irreguhesitate to incorporate it into their larity in milking or feed means loss. rations.

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 or 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 helfers 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 in-

dustry, 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 advan-

tage 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.

A recommended preventive for keeping sheep from having stomach worms is salt and common tobacco leaves. The growing of live stock is not

likely to be found profitable in any

section that buys feed for live stock. The most successful turkey raisers employ hens almost entirely to hatch their turkey eggs and brood their

poults. . . . Production alone will not make a state. A market is necessary, and to reach the market good roads are a necessity.

Feeding troughs raised above the litter of the floor should be used if soft food is allowed to stand before the chickens.

Sheep feeders in England attach much importance to succulent feeds. like turnips and cabbages, than do feeders in this country.

See that the implements are all put under shelter and kept till they are needed in the field. If you have no shelter build one. It will pay. Vitality is an important character-

animal. If weak along this line the Pullets that are not properly grown or in some way have received a setback while growing will be corre-

spondingly slow in starting to lay. It pleases the cow to be milked quickly, and gets her in the habit of giving down promptly. It is often the slow milkers that make the strippers.

After the first few weeks a young turkey is able to gain most of his own living, from the insect life he delights in capturing in his wanderings over the farm.

If you are forced to confine your turkeys to some extent, you will find that the White Holland variety will bear confinement better than any other variety.

Contrary to the general belief, it does not hurt a horse to give him water in moderate quantities, even when he is very hot, providing the water is not very cold.

Designed for use in heavy winds without injury, a new windmill has been invented that has vanes that can be turned partly or completely out of the wind when necessary.

Odors get into the butter or they may get into the milk or cream, and then be imparted to the butter. The greatest source of bad flavor is from cream that has not been properly cared for.

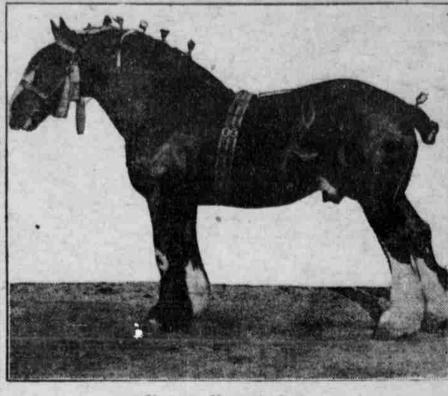
An older tree heals up a wound slower than a young tree. An inch times in order to renew her strength cut on a young tree may heal over in one season, while on an older tree, now in its prime or past, it may take three years.

Diversified farming brings the best profits in the long run. With crops receive reduces their weight from two and animals that thrive in any kind of season that comes along the average instances where they are kept very farmer is well fortified against the caprices of nature. The dairy cow likes regularity. It

Sheep are profitable and are good

The hoofs of sheep make rapid foragers, but remember they cannot growth, a provision of nature to stand live on nothing any more than horses the wear and tear of stony ground, and hogs. Give them a fairly good Consequently when on soft pastures chance and they will generally bring there will not be sufficient wear for in a good yearly profit, or larger rethe hoofs, and they should be pared at turns during the year than any other animal for its size.

#### PRACTICAL SUGGESTIONS FOR FARM WORK



Champion Clydesdale Stallion.

(By M. COVERDELL.) stock would get more real sustengrain crops would be of a purer organs. grade, and our fields would not be tered in this rich, seed bed over the the other is too much. fields.

If the farmer's cows sleep on a frozen or snowy bed at night, and are a building in order to keep the stock given a single roughage ration warm and in good health. Provide throughout the winter-what will the an aperture by which the fresh air cream harvest be?

Don't be too liberal with feed where a whole herd of stock is fed together, it is breathed and poison-laden; then as some of them will mince over and waste it, while others will eat enough the weather changes. to overload their digestive systems. which also may be regarded as a waste, as well as a danger to their good health and proper growth.

Sifting snow makes it mighty easy for dampness to creep into the nesting in the hog-houses, and this, together with the chill of wintry weather, is sure to wield a most deteriorat- passage of air, which is either too ing influence on the good health and, strong or too cold. profit-producing qualities of the herd.

Don't hitch the colt to a vehicle the first time be is in harness. If he HINTS IN CARE OF wants to cut any antics, let it be while he is bitched to a small log, a sled, or something he cannot damage and at the same time imperil someone's life and limb.

Don't forget to make a note of all the trees that have died and been removed from the orchard, so that the same varieties may be ordered with which to fill up these places.

If our farmers would but visit the istic in dairy cows or any other farm schools more, and thus see what progress the boys and girls are making. help co-operate with them a their teacher, we might reasonably expect some beneficial reforms in our present school system.

A cheap, effective and lasting horseblanket may be made by joining together three large, close-woven sacks in which oil-meat or some fine boughten feed-stuff has been shipped, lining it with a cheap grade of canton flannel to add warmth

Keep down the too rank growth of the grape vines by fertilizing them with common wood-ashes. They furnish the necessary muriate of potash for developing the highest quality of fruit, with little danger of rot occurring. The application of poultry droppings, along with the ashes, will supply sufficient fertilizer of an en-

riching nature Get the calf to eating the milder grains and boughten feed-stuffs as early as possible. It will not only mean saving of milk, which may be fed to something else on the farm, but the little fellow will grow more rapidly by getting him accustomed to eating such rations as oats, shorts, bran, etc. These, with a very small quantity of skim-milk and the grass he secures, cannot fail to promote a profitable calf.

horses immediately after hard work sults while feeding.

or a warm drive. First let their cir-If the American farmer would make culation get back to normal, thus more use of the fanning mill, his live avoiding the sudden shock of taking water into their heated systems or nance from pure grain, our grass and grain into their disturbed digestive

There are just two extremes to be seeded down to weeds every year by avoided when providing ventilation for the weed seeds passing through the stock or poultry in close quarters animals and being deposited in their during the winter months. The first manure; then hauled out and scat- and most common is insufficient air.

We must not get the idea that it is necessary to close every opening in may enter each building, and one that will allow the foul air to pass out as regulate the size of the openings as

In ordinary weather, the size of ven tilating holes will need to be practically the same, but in case of a storm, extremely severe cold or windy weather, there will be need of much less ventilation, lest the beneficial effect of fresh air be more than counterbalanced by the chilling influence of the

## POULTRY AND PIGEONS

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

Never feed oats to pigeons, young or

Orange boxes make good nests for pigeons. If you want big squabs, breed from

big hens The homer is considered the best bird for squab profit, Study the wants of each customer,

and plan to meet them. Pigeons must have clean bathing water at least three times a week. When pigeons are a day old they are called "peepers," and when three

weeks old "squealers." tablespoonful of baking-soda placed it the water two or three times a week wi'l prevent bowel trouble.

Few men understand the possibilities of two dozen hens when worked up to the limit of their capacity. If your breeder produces small, mushy squabs be sure there is some thing wrong. Clean out the lot and start anew.

Keep a close watch for the most thrifty and earliest maturing pullets and mark them for your next year's breeding pens. Give the turkey ben a feed of grain

at night. If fed heavily in the moraing, she will not range so far with the youngsters as if she starts out to find her own breakfast.

The feeding problem is greatly simhealthy development of bone and pliffed if females of about the same muscle, the prime requisites to a age are kept together. What is an ideal ration for old hens may be en-Grain and cold water are two ar- tirely wrong for pullets. Separate ticles that never should be given the them so as to obtain approximate re-

### 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.