| THE GAMES OF JACK-STICKS AND

RING-TOSS.

No doubt you are familiar with the

stick as many of the "straws" as pos-

sible, without disturbing any other

The only difference between the

near one end, as shown in Fig. 2.

Taking turns, each player should

try to remove, one at a time, as

many "sticks" from the pile as she

player the instant she disturbs other

than the article she is trying to re-

move. The player securing the larg-

The game of ring-toss requires an

easily made target (Fig. 3). The tar-

get requires a grocery box, two stick

uprights to support the box, nine

thread spools for pins, and nine nails.

The spool pins should be placed

4 or 41/2 inches apart. The heads of

the nails for fastening them will likely

and in that case, in order to make the

The tossing rings have a hole

Cut two pieces of cloth eight or nine

inches square for each (Fig. 6). Fold

each piece in half diagonally, so as

to bring corners A together (Figs. 6

corner C over on to corner C (Figs.

8 and 9). Cut off corners C and D

as indicated by dotted lines in Fig. 9

have the form shown in Fig. 11. Sew

spool pin above it.

est number of articles is winner.

"straws" in the pile.

FORWETOUCH IN PASSING Pullia Chandler Manz O A MECLURE NEWSPAPER SYNDICATE TO THE PROPERTY OF THE PROPERTY OF THE PARK SYNDICATE TO THE PROPERTY OF THE PARK SYNDICATE TO THE PROPERTY OF THE PARK SYNDICATE TO THE PARK SYNDICA

YOUR FRIEND TODAY

Elizabeth and Martha were friends. Elizabeth said the word should always be written with a capital F. Martha declared that every letter that went into the making of so precious a name should be a capital, whereupon Elizabeth kissed her affectionately. and they both declared that no matter what the years might bring them they would keep their tie of friendship pure, and true, and lofty.

"And," said Martha, who was the more ardent and imaginative of the two, 'there are to be no secrets between us; not even thought secrets." To which Elizabeth agreed in an ab-

stracted manner which did not quite satisfy her friend. So Martha suggested that they draw

up an agreement of eternal love and loyalty to be solemnly signed by each of them, and when Elizabeth said she didn't see the use of such a thing, her quite took the less intense girl off her

"Why, you darling Martha," comforted Elizabeth. "Of course, we'll write the vow, and sign it. I only meant that all the vows in the world couldn't make me truer to our friendship, or more certain that I shall al- The Man were to be married. ways love you just as I do now."

and spent many weeks in the compo-

Martha listened as one might listen to treason.

Then, remembering Elizabeth, she abruptly left the room. "She is young," remarked The Wise Woman. "She will learn."

It came to pass that the personal interests of the friends conflicted for the first time since, in that far away yesterday, they each signed the vow of eternal love and loyalty.

They fell in love with the same man. For a time The Man, knowing the closeness of the tie which bound the two young women, was very nice to

both of them. Then it became apparent that he was more interested in Martha, and after a little he asked her hand in marriage.

And for the first time in her life the girl, Martha, found it difficult to open the deepest chamber in her heart to her friend. Instinctively, she friend burst into a storm of grief that hugged her secret. It was so precious a thing-this matter of loving and being loved-that she did so want to cherish it for just a little while against the knowledge of all the world. But she remembered the vow, the letter of which she had kept for years, so shyly she told Elizabeth that she and

"And you have the audacity to tell Whereupon Martha dried her tears, me this, you sly minx!" hissed the life time friend of the girl, Martha.

sition of a vow of friendship which ! "You're a perfect little sneak, that's



"Rut He Doesn't Know You as I Do. He Doesn't Know You."

would have seemed more like a con- | what you are! You've enticed him tract of the relinquishment of all per- into this with your confiding little sonal liberty than a promise of undying love to an outsider. But the docu- do! He doesn't know you!" she cried, ment quite satisfied the friends, who considered it a masterplece in its own pointment, for the girl, Elizabeth, also

In the weeks and months that followed confidences became almost an obsession with the girl, Martha. An overconscious little soul, she spent a deal of her time in self-examination for fear that she would depart from the letter of her promise and hold back the admission of some thought or action from Elizabeth.

The vow was taken less seriously by Elizabeth, upon whom friendship sat with lighter meaning. Not that she did not love the girl, Martha, or was ever found lagging in her defense of the other girl whenever occasion demanded.

Martha, in her frank and girlish ardor, would have called her friend a traitor, had she known that she did not share the deeper life of Elizabeth.

Elizabeth would have said that she merely protected a God-given right, and that the matter of the vow was a silly thing, to which she had agreed merely to humor her friend.

So the years went by, and the friends became women grown. Their companionship had been very close, and their affection for each other was a matter for admiration among

their associates. People said that they had never seen such remarkable confidence between two young women.

So far as Martha was concerned this was true. She shared her every thought of consequence with Elizabeth. She unveiled her weaknesses as well as her strength to the elder girl. nor did she notice that every year had brought Elizabeth more reserve, so great was her absorption in her own

One day The Wise Woman, who had heard much of Martha and Elizabeth, sat quietly by while the former expressed it as her belief that friendship is the greatest thing in the world. "The sort that will stand the test

of actual self-denial is very rare," said "YOUR FRIEND TODAY IS OFTEN YOUR ENEMY TOMORROW. THERE-FORE. NEVER TELL YOUR FRIEND it is safe to use, but if it becomes tur-

YOUR ENEMY TO KNOW."

ways. But he doesn't know you as I

beside herself with rage and disap-

loved The Man and wanted to be his wife more than she wanted anything else in all the world. Because of the vow which Martha had always kept to the letter, and which the wiser girl had always set aside as a mighty foolish sort of thing. Elizabeth was as familiar with the weaknesses of her friend as she was with her own. She knew her as she

knew herself, for in her interpretation of the word friendship Martha had always uncovered her very soul for the other girl's inspection. And, so it was that the confidences which the girl, Martha, had given in the sacred name of friendship were made the property of all who cared to hear them, and bounded back like boomerangs to hurt her a thousand times with a hurt so poignant that

sometimes the injuries done her seemed more than she could bear. And The Wise Woman shook her head gravely and remarked again that, so long as human nature is human nature, it will never be safe to tell your dearest friend anything that you would not want your bitterest enemy to know.

In Mexican Houses.

There are rarely fireplaces or stoves in Mexican houses. Of course, in the tropics these are not required, but in the cities of the uplands it is often bitterly cold. There is a popular belief that warming the air of a room by artificial heat in the rarefied air of the uplands induces pneumonia, but it is doubtful if this has any real foundation. And the Mexican prefers to shiver under cover of a poncho rather than to sit in comfort and warmth after the European or American fashion.

Following is a simple way to test the purity of water: Put half a pint in a perfectly clean bottle and add a few grains of lump or loaf sugar. Make tight-a glass stopper preferred. Place the bottle in a warm, well lighted room. If it remains clear after an exposure of eight or ten days WHAT YOU WOULD NOT WANT bid it is certainly impure and unsafe

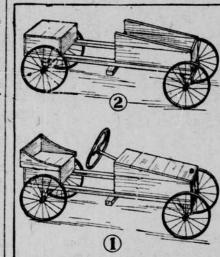
· HANDICRAFT FOR BOYS AND GIRLS

A. NEELY HALL and DOROTHY PERKINS ·

A HOMEMADE PUSHMOBILE.

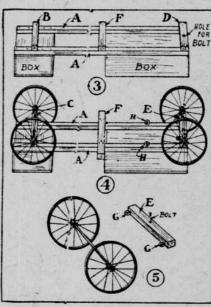
In building a pushmobile, the wheels are of first importance.

Fig. 3 shows the body framework. game of jack-straws, in which a pile The side rails A should be 2 by 2's or of tiny sticks in the forms of ham-2 by 4's. Cut them to whatever mers, saws, shovels, picks, etc., are length you wish. Upon these rails placed in the center of a table, and are mounted two grocery boxes, a then in turn each player tries to relong box on the bow end, and a box move by means of a small hooked



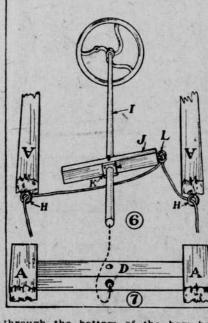
as long as this one is wide, on the stern end. Fasten the rails to the bottom of these boxes (Fig 3). The crosspieces B and D, provide for the mounting of the wheels. Nail one to rails A at the bow end, and the other so it will come under the center of the stern box. Crosspiece F forms a foot-bar.

The front iron axle must be at tached to a pivotal wooden axle (E, Figs. 4 and 5). This must have a hole bored through the center of its these articles in a heap, crossed and length for a %-inch carriage bolt. recrossed as in the illustration. For Screw a pair of screw-eyes into one the hooked stick for removing the edge (G, Fig. 5). Fasten the iron axle to the wcoden axle with iron staples, or with bent-over nails. Bore a hole through the center of cross-



piece D (Figs. 3 and 7) for the carriage bolt to run through. Then, in ounting the axles upon the framework, slip an iron washer over the carriage bolt so it will come between axle E and crosspiece D. The rear axle must be fastened to a similar wooden axle (C, Fig. 4). Nail this wooden axle to crosspiece B.

The steering-gear should be made A sewing machine wheel is be smaller than the holes in the spools, best for the steering-wheel, but a wagon-wheel will do. Cut a broom handle for the shaft (I, Fig. 6), and mount the wheel on one end. Then these over the nails as far as the cut a crosspiece (J), and a square block (K), bore a hole of the diameter of the broom handle through the center of each, and nail K to J. Slip this crosspiece over the end of the shaft, and fasten it 12 inches above the end with screws driven through the edges of J and K, as shown. Cut a hole



through the bottom of the bow box for the end of the shaft to run through, and another hole one-half inch deep in the center of the edge of the crosspiece D (Fig. 7) for a socket for it to turn in. Screw a screw-eye into the end of crosspiece J (L, Fig. 6), and one into the under side of each side rail A (H, Figs. 4 and 6); then tie a four-foot length of rope at its center to screw-eye L, and run the ends through screw-eyes H, and tie to around the outer and inner edges,

screw-eyes G in axle E (Figs. 4 and 5). Figs. 1 and 2 show how the hood of he pushmobile is completed by fastening a pair of triangular pieces upon | sew up the opening. the top of the bow box, nailing boards across them, and tacking screen wire over the iront of the box for the radiator front; also how the seat is

The "Wonder Tree."

growing ten times as fast as hickory.

er and better than these native trees,

met in convention in the Lumbermen's

Building or House of Hoo-Hoo at the

Panama-Pacific International exposi-

Officials and members of the Euca-

this means of educating the public and California growers of the "wonder lumbermen in the value and hundred tree," the eucalyptus, which while or more of uses of the eucalyptus of which there are 200 varieties. Some oak or mahogany, yields lumber hard- 10,000 eucalyptus trees grew on the exposition grounds.

the pair of cloth rings together, both

leaving but a small opening between

the outer edges. Fill the bag solid

with beans, through the opening, then

There should be three rings, so each

player may have three tosses each

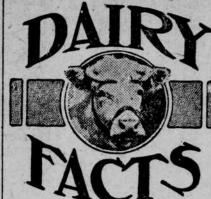
turn. The distance from which the

rings are tossed may be ten, fifteen

or twenty feet away from the target.

Restful Travel. "Been all over the country, eh?" "Everywhere the trains run." "I guess you can sleep as well in a iyptus Hardwood Association of California—representing the cultivators of at home."

about 25,000,000 of these trees, took "Better, Pullman berth as you can in your bed



SERIOUS DISEASE OF CALVES

Diphtheria Is Due to Specific Infection and May Appear in Animals Only Few Days Old.

(By DR. M. H. REYNOLDS, Minnesota Experiment Station.) 'straw" game and our "stick" game is in the substitution of real hammers. Calf diphtheria is due to a specific saws, etc., for the small ones. Fig-Infection, and is always a serious mature 1 shows the large assortment of ter. The trouble may appear with articles that may be used-brooms. calves from three to five days old. umbrellas, coat hangers, pans, pot Such caives refuse to drink milk or covers, pails, dustpans, etc. Throw suck. They show more or less discharge of saliva from the mouth and inflamed patches inside the mouth. These patches gradually develop into ulcers covered with a dead, granular, or cheesy mass, which does not peel easily from the raw surface underneath. There is considerable rise of temperature and an offensive odor from the mouth. The trouble may easily extend to neighboring parts, to the lining membrane of the nose, and then there appears a yellowish discharge. In some cases the lining membrane of the digestive tract is similarly affected and then there is lendency to diarrhea. Little pigs show

> So far as now known the germ is a normal inhabitant of the intestines of healthy hogs and cattle and prob-

similar symptoms.



Healthy Calf.

ably always virulent. When the disease is prevalent, the virus is, of course, scattered everywhere. Very young animals are most easily and most seriously affected, but cases have been reported in galves and pigs six or eight menths old, and even occasionally in adult cattle and adult hogs.

The sores may be cleaned with two per cent creolin in warm water, and then treated with Lugol's solution, applied twice a day to the ulcers. Permanganate of potash may also be used, two ounces to each gallon of water; make up fresh each time, as the mixture cannot be kept from day to day. Either treatment should be given to valuable animals about twice a day for from four to six days.

Frequent and thorough disinfection of calf pens and calf yards is one of the first essentials in management.

DATA ON BREEDING FOR SEX

Expert of Maine Experiment Station Gives Result of Investigations He Has Made.

For ages untold the subject of the naits hold, it will be necessary to cut control of sex has been discussed and small squares of cardboard and run studied over, with very little progress except to discover that many theories heads (Figs. 3 and 4). After nailing do not work. At that, knowing what the spools in their proper positions, not to expect is a great deal. The number them with black paint, ink or most promising theory now relates pencil, as indicated in Fig. 3. Each to the influence on sex of the time of number represents the score of the breeding. Of that Dr. Raymond Pearl of the Maine experiment station writes in a private letter which Hoard's through their centers, and are filled. Dairyman quotes: with beans, like beanbags (Fig. 5).

"My own investigations on the relation of the time of service in the heat period itself, that is whether early or late, shows that it does have an effective influence on the control and 7); then fold corner B over on of sex. We are collecting extensive to corner B (Figs. 7 and 8), and fold statistics on the matter by means of co-operation with breeders all over the country and the more data we get, the more clear does it become (Fig. 10), and, unfolded, the piece will that in this matter, time of service related to the heat period is a significant factor."

FEED FOR MILK PRODUCTION

Common Cows Frequently Capable of Returning Larger Yield Than That Secured by Feeders.

(By T. L. HAECKER, Minnesota Experiment Station.)
Common cows are frequently capable of producing a much larger milk vield than the average feeder secures from the average common cow. For ten years back we have always had a number of cows with no dairy heredity in the dairy herd at the university farm. The average of 23 yearly records of these cows is 5,000 pounds of milk and 222 pounds of but-

The value of 222 pounds of butter at 27 cents a pound is equal in round numbers to \$60. The average common cow of this state produces a return yearly of but \$46. She is, therefore yielding \$14 a year less than if given the same care and feed that the cows in the university herd received.

Lends Zest to Game. The man who keeps accurate track of his cows' production always has a record to beat, and beating a former record lends zest to any game.

Don't Overlook Ice Cream. Dairymen who are so situated that they can produce a high grade of cream should not overlook the possibilities of the ice cream trade.

Fly Swatting Campaign. Keeping the barn and surround ings free from manure is a good lick in the annual fly swatting campaign.

Keep Calf Growing.
There should be no marking tim while the dairy calf is growing to ma turity.



VALUABLE AID.



Bronson-Do you help your wife clean house? Woodson-Well, sometimes I knock

the scot out of the stovepipe hat. Judging Him.

It isn't the way my brother lives, It isn't the foolish words he speaks, Nor the foes he makes and his wild mis-But the goal in life my brother seeks. Optimistical.

The footpad grinned as he ransacked the pockets of the lone pedestrian. "What are you grinning at?" queried

the victim. "Oh, nothing in particular." answered the footpad. "You see I'm one out of the way." of those chaps who are unable to take things seriously."

In Old Kentucky. The Coroner-But why are you so positive the deceased was accidentally killed, colonel? Perhaps it was a case of suicide.

The Colonel-Youh seem to have ovahlooked the fact, suh, that a quaht bottle full of liquor-full, I repeat. suh-was found in his ovahcoat pocket, suh.

> The Rara Avis. "Blinks is a most remarkable man."

"In what way?" "Moved into the country and hasn't said even once that he had to sleep

under blankets." No Loss. Mrs. Rosenbaum-Oh, Jacob, little

Ikey has swallowed a dime. Rosenbaum-Send him to bed widout his supper. Dot vill make it aboudt efen." Quite a Few.

"I have just been reading the consti tution of the United States." "And I was surprised to find out

how many rights a fellow really has." Business Advice. "Every employer wants a square

peg, my boy.' "Yes. dad." "In other words, there is no place for the rounder."-Judge.

> Has Other Uses. "The human forehead is the seat of

reason." "That's the popular conception. Sometimes it is merely used as a prop for a whim of fashion."

Spoiled Her Pleasure. Trott-Well, my dear, did you enjoy your shopping trip today? Mrs. Trott-No, I didn't. I found exactly what I wanted in the very first store I entered.

A FULL HEAD.



Hattie-You seem to have a rush of thoughts to the head.

The grafter is a creature queer. A most suspicious elf, Who says he serves the public dear, But simply helps himself.

A Bird of a Family. He-Doctor Quack's daughter has a

swanlike neck, hasn't she? She-Yes; and his wife has about as much sense as a goose. He-And the doctor has a bill like a pelican.

A Common Occurrence. "Brutus certainly did one of the most contemptible things a man can do."

"Cutting an old friend dead."

"What was that?"

Little Lemuel-Say, paw, this paper has an article headed, "A Woman With a Mission." What does that mean? Paw-It probably means, son, that her husband is a dyspeptic and has holes in his socks.

Don't Do It. "They say that human beings have nany of the characteristics of the brute

"That may be true. But I don't see why any man should wish to impersonate a crab."

A RECKLESS SENTIMENT.

"Here is a book that ought to be in every home," said the persuasive agent

"What's it about?" inquired Farm-! er Corntossel.

"Political economy." "It oughtn't to be encouraged. They've been slightin' appropriations so much that it doesn't look like we'd get any chance at government money out this way. What I want to see is somethin' that'll whoop it up fur oldfashioned political extravagance."

Safety First. "My wife told me to drop in and get ner a new flatiron."

"Here is the latest thing in flatirons. It is called 'The Husband's Favorite.' " "What's the reason for the name?" "The shape of the handle makes it

absolutely unthrowable."

Way of the World. Old Singleton-When I was a young man, I felt that I didn't have enough money to get married.

Flubdub-But you surely enough now. Old Singleton-Yes; but now I have other uses for it.-Judge.

Another Face on It. "We ran across an old friend of yours the other day."

"Who was it and where did you meet him?" "It was Mr. Toddler, and we didn't exactly meet him-he wouldn't get

THE REASON.



Mrs. Askitt-Mrs. Bjones says she only dresses for sense and comfort. Mrs. Wise-That's a bluff. Her huskand only gets \$15 a week salary.

Two of a Kind. I know a brave one-legged man, And he is hard to beat: He always does the best he can To get there with both feet.

The Path of Charity. "He was a very charitable person, wasn't he?"

"Very. After he died each of his relatives had to hire a lawyer to break his will."-Detroit Free Press.

Something Wrong. "Is this a studied insult, or what?"

"How now, girlie?" "This fellow writes on his card Sweets to the sweet' and sends' me a package of lemon drops."

Th. ee-Act Monologue. "It's a wonder nobody has ever iramatized 'Robinson Crusoe.' "

"You're right. A three-act play like that ought to be just the thing for a popular star.

The Real Toil.

"I used to practice five hours a day on the piano," said the musician. "You are through with that drudgery now." "Drudgery? Those were times of

fourteen hours a day giving lessons." Expensive Eating. 'Your husband is very fond of luxarlous eating, isn't he," said one

restful leisure. Now I have to work

woman. "Yes." replied the other. "If there is such a thing as reincarnation, I fancy he will turn into a moth."

Distinction of Terms.

"Of course you favor the uplift?" "I don't know," replied the busy man. "I'm a plain, practical person. Sometimes I think the uplift depends too much on literature and scienca. What I favor is the boost."

His Guess. Church-Did you ever notice when frogs jump how quietly they land on their feet? Gotham-Perhaps they wear rubber

Close Figuring. Postal Clerk-Your letter just balances, miss; if it weighed any more, you would have to put on another

Pretty Blonde-Gracious! I'r glad I didn't sign my middle name!-Judge Educating Our Girls.

"Don't you think every girl ought to be able to cook?" "I think every girl ought to be able to talk intelligently on the sub-

ject, anyhow," said the society lady addressed. Not Much. Church-It is said the telephone voice travels at the rate of 56,000

miles per second. Gotham-Oh, well, in that case it doesn't make much difference if a fellow does stutter.

Newly Married. Bilton-What is the reason for Jinks' sudden pseudo-pompous, digni-

ded manner? Tilton-He recently married, and he's trying to live up to his wife's opinion of him.—Judge.