BY JESSICA E. BESACK. (Director Department of Domestic Science and Art. National Corn.

Exposition, Omiting Young men of the farms are learning to double the production in the fields, young women are beginning to study to eliminate all waste from the household; by careful selection of seed the men secure varieties adapted to almost any soil and elimate and by the same care in the kitchen, the young women will be able to reduce the cost of living almost one half and the cost of dress by an amount which will add millions to the wealth of the farming communities.

For instance the use of the "fire less cooker" is an economy. This device of Norwegian origin, has come to stay and is finding a place in nearly every modern kitchen

Conservative housewives laughed at the so-called fireless cooker a few years ago. But it is like every other invention. It must pass through three stages: First, when everybody says it is impossible; second, when it is thought contrary to religion and third when everybody says it was known before.

All these the fireless cooker has passed and its use promises to be as universal as the "Dutch oven" of Colonial days.

The cooker is just as adaptable to cook a Christmas plum pudding as to cook a pot roast in July, it saves strength, time, fuel, heat, utensils, odors and temper. The cook need not fear her dinner will be spoiled by a few minutes' delay.

A cooker may be made of any tight box, old trunk or corner closet, providing a secure packing of hay is secured and the whole affair made to fasten tightly. In this the food may be cooked in as many utensils as it will hold, but each must have a tight

Only two rules are necessary to insure success in the use of the cooker: The food must be transferred from the stove to the cooker after it has been brought to and while it is at the boiling point, and the article to be cooked must be covered with water when it is placed in the cooker's receptacles. One failure should not be allowed to discourage the housewife, however. Try cooking beans or stewing a chicken. It will be the most thoroughly cooked pot of beans ever cooked and the most delicious chicken. Either dish may be put in the cooker in the early morning while the housewife may then do other work or go to the city and return to find dinner ready-no burning nor boiling

Enterprising manufacturers are making these cookers which are a great economy. Some have baking attachments which really bake.

This menu will serve as a suggestion for a fireless cooker dinner prepared in one of the devices with three compartments:

Tomato or Bean Soup.
Egg Sauce Stewed Chicken. Riced Potatoes.

Steamed Apple Dumplings.

In almost all the short courses of fered at farmers institutes; corn and grain shows or expositions, where a domestic science instructor is employed, a demonstration is given several times daily, in the use of the fireless cooker. The farmer's wife or daughter who sees how the cookers work and the things they accomplish,

Limited Responsibility.

will not be without one another sea-

'Little Septimus had been very good and had recited 'The Boy Stood on the Burning Deck' with admilable feeling for the benefit of his Uncle Robert," said George W. Tasker of Philadeplhia.

"'He's a wonderful boy,' exclaimed that gentleman enthusiastically, 'and he deserves to be rewarded." 'So saying, he plunged his hand

into his bulging pocket and with much difficulty-for he was rather portlyextracted a penny, which he offered with great importance to his good litthe nephew. 'Remember, my boy,' he said, 'that if you take care of the pennies the shillings will take care of themselves

"Poor little Septimus looked rather dubious. ' I do take care of the pennies, Uncle Robert,' he answered sadly, but as soon as they get to be shillings my pa takes care of them for me.' "-London Tit-Bits.

It Was All the Same.

In a Sunday school a little girl was questioned as to her repeated non-attendance.

"Why have you been absent so many times lately?" asked the teacher. "Please, teacher," answered the girl,

"mother thought I'd better not come to Sunday school, as my hat was "But, my dear," objected the teach-

er gently, "it is not the outward appearance that we consider; it is the inward."

"I know that, teacher," was Maggle's reply; "but it's all the same; the lining was dirty, too."

In Class by Herself.

The American woman is in a cate gory of her own. She is sui generis. Our national institutions, the air of liberty which we breathe, the character of our people have made her so. But that as a class she is deprayed, or blase, or hoydenish, or even spoiled, is not for a moment to be admitted. Max O'Reil once said that the eyes of a French country maiden are wide open like a daisy because her heart is pure. Will any one deny that the same reason applies to the frank and honest gaze of the American girl?

TEMPERANCE LESSON

Sunday School Lesson for Sept. 26, 1909 Specially Arranged for This Paper

LESSON TEXT -1 Cor. 19:23-23. Mem-GOLDEN TEXT - Let every one of us please his neighbor for his good to esti-fication."—Hom. 15:2.

Suggestions and Practical Thought. In the Arena at Corinth.

Let us in imagination to-day sit in the great Corinthian amphitheater, looking down upon Christians struggling with temptations, and perplexing questions of duty, and evil passions, as they had often seen gladiators trying to overcome wild beasts and armed antagonists, and ready to spill the last drop of their blood to gain victory.

The Christian church was living in this arena, and trying to live and teach a pure and heavenly life. There arose many moral problems and questions, two of which come before us in our lesson for to-day.

The first problem was concerning the Sabbath. How strictly could they keep the Sabbath where there were no Sabbath laws or customs; where the whole machinery of life moved on the plan of all days alike? What holy days should they keep-the Christian anniversaries, the Jewish, the Christian Sabbath-and how should they keep them?

The other problem was concerning food offered to idols. This was the most generally perplexing question for a small band of Christians living in Gentile cities like Corinth. To some extent the Jews had prepared the way for its solution. The importance of this problem is hard for us to realize. Paul discusses it at length in Romans 14, and his discussions in 1 Corinthlans begin as far back as the eighth chapter. Much was to be said pro and con.

There was much to be said on both sides, and there was danger of a rupture in the church.

Paul's Counsels as to the Settlement of These Questions.

With what weapons and in what spirit Christians should gain the vic-

-Stand by Your Personal Liberty. "Ye, brethren, were called for freedom." Gal. 5:13.

"Why is my liberty judged by another conscience?" 1 Cor. 10:29. 2.—But control your Liberty by the Law of Love.

"All things are lawful, but not all things are expedient. All things are lawful, but not all things edify." 1 Cor. 10:23.

"Let no man seek his own, but each his neighbor's good." 1 Cor. 10:24. "It is good not to eat flesh, nor to drink wine, nor to do anything where-

by thy brother stumbleth." Rom. 14:20, 21, 3.—Keep Your Conscience Pure. "Happy is he that judgeth not him-

self in that thing which he approveth." Rom. 14:22.

"Each one of us shall give account of himself to God." Rom. 14:12. 4.-Consider the Effect Upon the

Conscience of Others. "Let us not therefore judge one another any more: but judge ye this rather, that no man put a stumbling block in his brother's way or an occasion of

falling." Rom. 14:13. 5.—The Practical Conclusion. "Wherefore, if meat causeth my brother to stumble, I will eat no flesh

forevermore, that I cause not my brother to stumble." 1 Cor. 8:13. "Even as I also please all men in all things, not seeking mine own profit, but the profit of many, that

they may be saved." 1 Cor. 10:33. In the Arena of Modern Life.

The author of Hebrews pictures us in the world as in a huge amphitheater where mighty contests are going on; while encompassing us, like the crowds on the seats of the stadium watching the games, are a great cloud of witnesses. The heroes he had been describing in the previous chapter, heroes who had gained the victory, are looking down upon us from heaven to see how the battle is going with us.

But the one that concerns us at this hour is intemperance. What shall be our attitude toward the use of strong drink which prevails everywhere, and

is doing so much mischief? Paul's principles which he enunciated to the Corinthians and to the Romans apply to us.

And we should meet the question practically, as the author of Hebrews taught the Christians of his day.

"Wherefore seeing we also are compassed about with so great a cloud of witnesses.

"let us lay aside every weight "and the sin which doth so easily beset us

"and let us run with patience the race that is set before us, "Looking unto Jesus the author and

finisher of our faith: "who for the joy that was set be fore him endured the cross, despising the shame,

"and is set down at the right hand of the throne of God."

The Goodness of God.

God is a kind Father. He sets us all in the places where He wishes us to be employed, and that employment is truly "our Father's business." He chooses work for every creature which will be delightful to them, if they do it simply and humbly. He gives us always strength enough, and sense enough, for what he wants us to do; if we either tire ourselves or puzzle ourselves, it is our own fault. And we may always be sure, whatever we are doing, that we cannot be pleasing him if we are not happy ourseives .- John Ruskin.

NAVAL AIDE TO THE PRESIDENT



Lieutenant Commander Leigh H. Palmer, U. S. N., who has succeeded

TARS ARE LACKING

Navy Short 1.500 of Sailors Now Authorized by Statutes.

Force Will Not Be Large Enough to Man New Warships Unless Old Ones Are Laid Up-Injure Young Officers.

Washington.-The navy department is confronted with a probable reduction of the enlisted force through failures to re-enlist on the part of seamen and enginemen now in the service, as well as the pronounced decrease in the number of new enlistments. This condition the authorities attribute to the increasing demand for moderate as well as high-priced labor occasioned by the rising tide of him. business activity throughout the coun-

The present authorized strength of the navy's enlisted force is 44,500. The na. I authorities had contemplated urging to congress an increase of 5,000 in the next report of the department. It is questioned whether a request for even half that number can receive executive approval.

practically certain that there will be of eight children. ess than 40,000 sailormen wearing Uncle Sam's livery on January 1, 1910. Already the navy is 1,500 shy of the authorized strength and the reduction the large number of children. continues day by day.

According to the naval officers, there will not be a sufficient number proud to make him a citizen, of men to man the new ships now approaching completion without re ducing the crews of the minor cruisers or putting several of the older ships out of commission altogether. They do not approve of laying up the new ships. As fast as completed they will go into commission and into active Bervice.

It is said that even the newest ship when placed "in ordinary" deteriorates much more rapidly than when at sea. This is particularly true of their engines. The only course open to the navy is to send the veteran ships back to the navy yard to be partially dismantled and laid up until the state of the national treasury justifies further increase in the cost of maintaining the navy and the projected in crease in the enlisted personnel.

Those most hurt by the enforced retirement of a part of the fighting force are the younger officers of the grade of captain and commander. There will be fewer chances for them to exercise the command rank that has been the ultimate aim of all the hard work up through the grades from midshipman to lieutenant commander.

The vessels most likely to be removed temporarily from the active list are the veterans Oregon, Indiana, Massachusetts, and Iowa. This will relieve the pressure by reducing the necessities of the line of battle fleet in the matter of seamen by over 2,600.

smaller cruisers out of commission would give opportunity for further economizing to the extent of about 1.800 men

RISKS HIS LIFE FOR GOAT'S

Man Jumps in Front of Train to Save the Children's Pet Which Had Wandered on Tracks.

Chester, Pa .- At the risk of his own life Charles Dougherty, a young man of Leiperville, jumped in front of an approaching train on the Baltimore & Ohio railroad to save the life of a goat belonging to his neighbor, which had wandered on the tracks. Seeing animal's danger, Dougherty the grabbed the goat from the track as the train was within a few yards of

The goat is a general pet among the children of the neighborhood, and knowing that the little ones would be grieved if "Billy" was killed, Dougherty performed the daring act.

Twice Father of Twins.

Cleveland, O.-John Resolf, 23 years old, caused much surprise in Judge Philips' court the other day when he At the present rate of falling off in said that, although he had been marenlistments and re-enlistments it is ried but six years, he was the father

when the court expressed surprise at

Resolf applied for naturalization papers. The examiners said they were

ROBE FOR AMERICAN MELBA'S FIRST ENCORE

Shah's Missing Pearl Garment to Go to Miss Anita Stewart.

Europe Has Mystery in Announcement That American Girl Is to Receive Missing Treasure When She Marries Miguel.

London Europe has a mystery in the announcement that Mrs. James Henry Smith has purchased the miss ing pearl robe of the former shah for her daughter Anita. This is a marvelous garment composed of thousands of pearls, and no trace of it can be discovered in Persia since the shah Mrs. James Henry Smith heard the erstwhile monarch was anxious to dispose of much of his personal property in jewels rather than that they should go to his successor, and that she promptly sent an agent to interview him on the subject, as she desired Anita to have some wedding present the like of which no bride of this century was ever able to display.

The story also says that the gem. the "World of Light," is also in the possession of the mother of the future princess. This she proposed to have set in the center of the amazing tiara pliment, in an instant blotted out the which is to be one of the scores of gifts this adoring mother will give to her daughter.

At Tulloch castle, where the brideelect and Mrs. Smith are now entertaining Dom Miguel, the flance, there is a host of French artists in frocks and millinery designing the trousseau. They have brought with them from Paris exquisite silks, satins and brocades, not to speak of specimens of priceless laces and embroideries, hats and cloaks. Mrs. James Henry Smith and her daughter decided that they would not break up their house parties by rushing to and from Paris for the trousseau, so they arranged to bring Paris to Scotland instead.

One whole wing of Tulloch castle has been set aside as show rooms. Mother, daughter and flance run through every morning to inspect the fresh "creations" which have arrived. or to give an order. Several hours each day have to be given up to fitting by the prospective bride. She says she is weary of it and will be thankful when the wedding is over, if only to escape from the tyranny of the dressmakers, whom she considers veritable martinets.

Mrs. Smith is now more reconciled to the marriage than she was at first and she is throwing herself heart and soul into the preparations. According to present arrangements, the wedding is to take place in London. Although the reigning house of Portugal has been at daggers drawn for years with the family of Dom Miguel of Braganza, young King Manuel and the future bridegroom are the best of friends, and it is expected that the ruler will be present.

The bridal dress is being made "Four of the children were born in the style of those worn by royal two sets of twins," Resolf explained brides with a semi-low cut neck and short sleeves. Lace which belonged to Marie Antoinette and was purchased by the late James Henry Smith for his wife when they were on their honeymoon will compose it.

of one man was noted, in Contra

Costa county, who died of the plague

without having been in any of the

larger towns, but who was known to

Sergt. Rupert Blue of the marine

hospital service noted this case, and

as other cases developed, suspicion

was more and more directed toward

the squirrels. First a boy and several

other men, who had been hunting

against the ground squirrel and now

regular shipments of them are made

to the laboratory of the marine health

service, in San Francisco, where they

Aged Couple Wed in Boat.

aged 62, thrice a widow and for 24

years the occupant of a canal boat,

has married Jacob Eckert, aged 78,

who for the past eight years has been

an inmate of the Soldiers' and Sailors'

home in Marlon, Ind. The couple

knew each other years ago, but then

she would not entertain any proposals

of marriage. A second attempt on the

part of Eckert to win the woman's

love was successful. The couple will

reside in the bride's canal boat. She

gets \$20 a month rent and he draws

\$20 a month pension from the govern-

Guards for the Blind.

London.-Through the intervention

Massillon, O .- Mrs. Anna Devore,

ducing flea.

break of the plague.

have been hunting ground squirrels.

Her Concert Was a Big Success, But Little Playmate Saw Her Garter.

When six years of age Helen Mitchell (Metha) appeared at a school concert, organized by her aunts in Richmond, Melhourne, the suburb of her birth. At this ontertainment she sang "Shells of the Ocean" with such effeet that the andience asked for an encore, and the child on her reappear ance, created a still greater impres sion by her singing of 'Comfa-Through the Rye," for which he: grandmother had taught her the Scot tish accent.

At the earliest opportunity she hur ried to her fr.vorite playmate, who lived in the same street, and breath lessly waited for reference to the en ceased to rule. The story goes that tertainment of the evening before, but the little comrade was adamant and ignored the whole subject. After many attempts to introduce it, Nellie at length found herself unable to wait longer, and exclaimed excitedly: "But the concert, the concert! I sang last night and was encored." And she looked with eagerness in the face of her friend, who answered witheringly: Yes, and, Helen Mitchell, I saw your garter." Little Miss Mitchell had been particularly pleased with her neat attire, and the unexpected shaft coming in place of the looked-for commemory of the intoxicating encore, and drew the little singer from the seventh heaven of her brief delight to Fig. bo. - Detroit News Tribune.

Laundry work at home would be much more satisfactory if the right Starch were used. In order to get the desired stiffness, it is usually necessary to use so much starch that the beauty and fineness of the fabric is hidden behind a paste of varying thickness, which not only destroys the appearance, but also affects the wearing quality of the goods. This trouble can be entirely overcome by using Defiance Starch, as it can be applied much more thinly because of its greater strength than other makes.

To Check Disease Among Indians. It has been reported that the dis ease known as trachoma, or granular eyelids, has been spreading rapidly among the Indians. To check this trouble congress appropriated \$12,000, placing it in the hands of the commissioner of Indian affairs, for the immediate investigation and treatment of the disease and to check its spread.

The extraordinary popularity of fine white goods this summer makes the choice of Starch a matter of great importance. Defiance Starch, being free from all injurious chemicals, is the only one which is safe to use on fine fabrics. It great strength as a stiffener makes half the usual quantity of Starch necessary, with the result of perfect finish, equal to that when the goods were new.

"I am convinced," said the proprietor of the jeweler's shop, as the plate fragments and the chauffeur and his machine began to nestle behind the counter, "that the taxicab has come to stay."-London Globe.

With a smooth iron and Defiance Starch, you can launder your shirtwaist just as well at home as the steam laundry can; it will have the proper stiffness and finish, there will be less wear and tear of the goods, and it will be a positive pleasure to use a Starch that does not stick to the iron.

Cobblestones for Baltimore.

The Brooklyn Standard Union says that "those people from the rural regions who jeer at Manbattan's horse cars may cake note that the Baltimore city council is preparing to pave a street with cobblestones."

Chafing Dish Defined. Pat—"An' phwat the devil is a chafin' dish?" Mike—"Whist! Ut's a fryin'pan that's got into society."

them, were attacked by the plague and Nebraska Directory finally an examination was made showing conclusively that the squir-MARSEILLES GRAIN ELEVATORS rels were the hosts of the plague-pro-From this time on a war was waged

JOHN DEERE PLOW CO.

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CREAM

Experts Discover They Are More Danby the same flea which caused the gerous in Spread of Bubonic spread of the bubonic plague among Plague Than Rats. the rats. As early as 1903 the case

Pest Spread by Squirrels

Washington.-Marine hospital service experts who discovered that ground squirrels are an agent in the spread of bubonic plague on the Pacific coast assert that they are even more insidious and difficult to deal with than the rats that for a time threatened San Francisco and the other large cities.

They seem to have become particularly infected in Contra Costa county. and if given the chance, it is feared, will spread the infection throughout the west.

The ground squirrels have been long a nuisance on the Pacific coast and at various times have caused great damage to crops. The squirrels have been regarded as good eating up till recently. In the regions where they down in large quantities for winter, rats when there is a suspicious outand have regarded their meat as a staple article of diet.

It was discovered during the earlier part of the crusade against plagueinfected rats in San Francisco, that

most abound people have salted them

The placing of four or five of the the ground squirrel could be infected

Parrot Gives Fire Alarm

"Don't Cry," Sings the Bird After All put the blaze out after a stubborn Danger Is Over-Girl Becomes Hysterical.

South Norwalk, Conn.-Caliph, a parrot owned by Manuel T. Hatch, not only discovered a fire and sounded an alarm, but later offered consolation to the people of the house.

"Fire, fire, fire! Pour on water, pour on water!" screamed the parrot. It was a frantic expression of the bird, but it was given with such frantic appeal that Mrs. Hatch rushed out on the plaza. "Look, look, look!" said Polly, as he stood on one foot and with the other pointed to the roof of

door. A paper balloon had landed on the

fight. In the excitement Miss Nellie said: "Don't cry, Nellie, dear; it's all over now.

Keeping Chickens Costly.

chickens tough, chickens hot and hone and the firemen were able to residents of the national capital.

Trowbridge, a niece of Mr. Whilpley. became hysterical, whereupon Caliph

Washington.-Of chickens young, and chickens old, chickens tender and

chickens cold, Washingtonians have ment. This the bride says will keep had enough. Owing to the enforcethem comfortably. ment of the new health sanitary regulations concerning chicken coops and barnyards and the fire regulations, the home of George A. Whilpley, next owners of egg producers in the city of the board of trade the Great Easthave found it more profitable to kill ern Railway Company has withdrawn off their fowls than to meet the new the demand that blind passengers roof and set fire to it. Hatch sum- requirements. As a result chicken should be accompanied by guardians moned the fire department by tele- dinners have become a fad with the or required to make a special con-