Economies of the Kitchen.

RHUBARB TO SERVE WITH BLANC-MANGE OR RICE.-Wash the rhubarb, wipe it dry, cut it in pieces about two inches long, put it into a pie-dish with the rind of a lemon cut very thin, a piece of bruised ginger, and loaf sugar in the proportion of 1 th loaf sugar to 1 th rhubarb; bake till tender, take out the ginger, serve cold.

BROILED MACKEREL. - Open the fish down the back, cut it thus in half, wash and wipe it quite dry; rub the bars of a gridiron with a greased paper, lay on the mackerel, grill until brown on one side, then turn to the other. A moderate-sized fish will take ubout ten minutes to cook. Parsley and butter, or fennel sauce, may be served with the mackerel.

TAPIOCA FOR DESSERT .- An easily prepared dessert is made of tapioca; it hardly seems appropriate to call so dainty a dish a pudding. Soak a cupful of tapioca for an hour in cold water, then boil, adding warm water enough to allow it to expand; when tender sweeten it and take from the fire; add an orange cut in small bits for flavoring. Serve with cream.

OX-CHEEK PIE.—Take the meat cut from the head previously to making the soup, shape it in neat pieces; mix a saucer of flour seasoned with salt and pepper, dip each piece of meat into the mixture and fill a pie-dish with it; pour in a little water; cover with suet crust made in the proportion of half pound of suet, finely chopped, to one pound of flour; bake for two hours.

LEMON JELLY. - Lemon jelly, to spread on top of sago or custard pudding, is made by grating the rind of two lemons and squeezing out the juice; add a heaping cup of sugar, a tablespoonful of butter. Stir these together, and then add three eggs beaten very light; set the basin or little pail in which you have this in another of boiling water; stir it constantly until it thickens. When it is cold it is ready many a batch of bread.

CANDIED HOBEHOUND.—Boil horehound in water until the juice is all'extracted. Take your sugar and boil up the fire; otherwise, it should be kept fold in it will make the little sleeper restto a feather; then add the horehound juice to the sirup; boil up till again the same height; stir with a spoon against the sides of the sugar-pan. When it degins to grow thick pour out in a paper case dusted with fine sugar and cut in squares. The horehound may be dried, and then put in the sugar, finely powdered and sifted.

RICE GRIDDLE CAKES .- Two cupfuls cold boiled rice, one pint flour, one | Then it can be moulded into loaves, | infant," because this slumber of a child | same for all years. At Princeton the averteaspoonful sugar, one-half teaspoonful when it should be again well kneaded, follows immediately after its stomach is age is fifteen hours, and the freshmen take salt, one and a half teaspoonfuls Royal so as to get all the air out of it, and put completely filled with wholesome food. baking powder, one egg, little more it into the pans. After standing for The sleep which comes to adults long do most work and sophomores the least. than one-half pint of milk. Sift to- another hour it will be ready for the hours after partaking of food, and when gether flour, sugar, salt and powder; add rice free from from lumps, diluted | will bake it, according to the size of the | not after the type of infantile repose. with beaten egg and milk; mix into loaves and the heat of the oven. The smooth batter. Have griddle well heat- best way is to have the oven sufficiently ed. make cakes large, bake nicely hot to brown the loaves when they have brown, serve with maple sirup.

SPONGE DROPS.—Sponge drops are nice to mix with other cake in the basket. Beat four eggs to a stiff froth; then stir in one heaping cup of sugar and one cup and a third of flour. One teaspoonful of baking-powder should be thoroughly mixed with the flour. Flavor with lemon and drop from dessert spoon on buttered paper spread on tin plates. The oven should be hot, and the room said to her : the cakes will bake in a few minutes. They require watching, as they are very likely to brown too much.

SPANISH SHORT-CAKE.—Take three eggs, half a cup of butter, one cup of sugar, two-thirds of a cup of sweet milk, a little cinnamon, two cups of flour and one teaspoonful of baking powder; stir the flour in, do not knead it; the eggs, butter and sugar should be beaten together till very light. Bake in a shallow tin; when it is done spread a thin frosting over the top; make this of the white of one egg, a little pulverized sugar and a teaspoonful of cinnamon; set in the oven to

WEAL CHOPS WITH TOAMTO SAUCE | to look at my skin." Trim and flatten the chops, dip in raw egg, then in cracker dust, and fry rather slowly in lard or dripping; open a can of tomatoes, drain off the liquor, put in a saucepan with a sliced onion, stew for ten minutes, strain out the onion, return the juice to the fire, thicken with a great spoonful of butter | worked up in a teaspoonfull of cornstarch, pepper and salt, boil up sharply, and, when you have laid the chops upon a dish, pour the sauce over them.

MAIZENA BLANC-MANGE, -Mix four tablespoonfuls of maizena to a paste with cold milk, boil in the remainder of | was wanting to the neatness of the a quart of milk the thin rind of a lemon | room. and 4 oz. loaf sugar; let this stand beside the fire till the flavor of the peel is dear little fellow, jumping up and down eleventh. In the Franco-Prussian war ous system; and if the reader likes to have so far taken kindly to "the glori- the case may be, before the gaze of all with maizena; boil ten minutes stirring | window for his father's coming. well all the time, pour into a mold wet with cold water, stand till thoroughly stewed rhubarb or raspberry jam.

PUDDING .- For a delicate and very nice dessert make a pudding thus: Dissolve half an ounce of gelatine in half a pint of cold milk; let it come to a boil gradually. When hot but not boiling add the yelk of three well beaten eggs; stir constantly; sweeten to your taste; or, if you wish a definite direction, put in a quarter of a pound of sugar. This is the right amount for most people. When this is cold stir in it a pint of whipped cream; flavor with lemon or vanilla, and, the last thing, stir in the whites of the three eggs; have them beaten quite stiff. Serve this cool, with cake or with fruit.

Making Bread.

poor bread than the poorness of the flour. Of course we allude to bread made in families, A lady who has a reputation as a bread-maker par excellence, furnishes us the following, which we publish for the benefit of millers and those of their customers who complain | hot stove. of poor flour:

One two-cent cake of compressed yeast will raise flour enough for four medium-sized loaves of bread. Crumble the yeast into a bowl, being very careful not to handle it too much; sprinkle on it two teaspoonfuls of sugar, and pour over it a pint of lukewarm water. In the course of ten minutes the yeast will have risen to the top. Then stir it until it is all dissolved. Make a hole in the centre of the flour, and pour in the yeast. Stir it with the flour until it is a thick batter. Sprinkle salt around the edges where the flour is heaped up, taking care to keep the salt way from the sponge, as it is apt to give it a slightly bitter taste. Set the pan in a warm place. The most important thing is to keep it free from draughts. A draught of cold air from an open door or window has spoiled

If the temperature of the kitchen is warm and even, say 70° F., the bread will be nicer if it is raised away from moderately warm. In an hour the Knead the bread with slightly warm three folds put an end to the slumber. than in summer. Good kneading is or some stupefying drug, it will not coursestake three hours, some two; most in from two and a half to three hours. | illustration, "sleeping as sweetly as an otherwise the work done is about the oven. From forty minutes to an hour the stomach is nearly or quite empty, is been in twenty minutes. Then cool the oven somewhat, and let them finish baking slowly.

For the Young.

Black and White Prayers.

A little black girl, eight years old, was setting the table, when a boy in

"Mollie, do you pray?" The suddenness of the question confused her a little, but she answered:

"Yes, every night."

"Do you think God hears you?" the boy asked. And she answered promptly: "I know He does."

"But do you think," said he, trying to puzzle her, "that He hears your prayers as readily as those of white children ?"

For full three minutes the child kept on with her work; then she slowly

like any other little girl's, and, if I say what I ought to say, God does not stop

Welcome.

"Papa will soon be here," said mamma to her two-year-old boy. "What can Gregory do to welcome him?"

confusion on the carpet.

brigh tlittle one, understanding the look, and at once beginning to gather his toys into a basket.

"What more can we do to welcome papa?" asked mamma, when nothing

It is not a little curious that when a cold, turn out by moving with the young man is bent on seeing the world, lotte and Sedan was one-ninth, the in the space of a couple of hours, and lateral diameter, and seven inches in bors' wives club together, as it were, and fingers just round the edge and shake he labors under the hallucination that longitudinal diameter. They weigh comb one another's hair, sitting in the out; it may be served plain, or with he can see it better after dark than dur- where it was one-sixth, and the smallest there is something rational about such three and a half pounds. A new egg is front doors for a friendly gossip meaning the daytime!

Sanitary.

SULPHUR AS A DISINFECTANT .- M. d'Abadie recently read a paper before the Paris Academy of Medicine on Marsh Fevers," in the course of which he made a strong plea for the proprietors | to sixteen, and the juniors are supposed of this rather neglected disinfectant. He cited many illustrations in favor of his argument; among others that in the dangerous regions of African river mouths immunity from such fever is often secured by sulphur fumigations on the naked body. Also that the Sicilian workers in low ground sulphur mines suffer much less than the rest of the surrounding population from intermittent fevers. M. Fouque has shown that Zephyria (on the volcanic island of Milo or Melos, the most westerly of the Cyclades), which had a population of It is a trite expression that poor 40,000 when it was the centre of sulphurbread-makers are oftener the cause of mining operations, became nearly depopulated by marsh fever when the sulphur-mining was moved farther east, and the emanations prevented by a mountain from reaching the town. A simple way to use this article is to drop a quantity of flowers of sulphur on a red

EATING BEFORE SLEEPING,-Man is the only animal that can be taught to sleep quietly on an empty stomach, says the New York Journal of Commerce. The brute creation resents all efforts to and hardest as sophomores on seventeen; coax them to such a violation of the the number drops to sixteen in the third laws of nature. The lion roars in the forest until he has found his prey, and, when he has devoured it, he sleeps over until he needs another meal. The horse will paw all night in the stable, and the pigs squeal in the pen, refusing all rest or sleep until they are fed. The animals which chew the cud have their own provision for a late meal just before dropping off to their nightly slumbers. Man can train himself to the habit of sleeping without a preceding meal, but only after long years of practice. As he comes nto the world, nature is too strong for him, and he must be fed before he will sleep. A child's stomach is small, and when perfectly filled, if no sickness disturbs it, sleep follows naturally and inevitably. As disgestion goes on, the stomach begins to get empty. A single ess, two will waken it; and if it is hushed sponge will be light and feathery. again to repose, the nap is short, and water. Never use entirely cold water, | Paregoric or other narcotics may close but always have it warmer in winter its eyes again, but without either food half courses, are required. Most full essential to good bread. If the dough | sleep, no matter how healthy it may be. | half courses take one. The number of is kept in the right temperature, free Nothing can make a babe sleep upon an hours is not restricted. In the upper years, from draughts, it will have raised again empty stomach. We use the oft quoted there is thought to be more earnestness, There is all the difference in the world between the sleep of refreshment and there is no more touching sight than the sleep of exhaustion. To sleep well, that of a baby in its mother's arms. blood that swells the veins in the head | While on their way to Gettysburg, our during our busy hours must flow back, troops were marching by night through leaving a greatly diminished volume behind the brow that lately throbbed lighted lanterns, while young girls shed established beyond the possibility of con tradiction, that sleep aids this digestion, and that the process of digestion, is conducive of refreshing sleep. It needs nargument to convince us of this mutual

When Armies Fought Hand to Hand.

en den ce.

In the days of hand-to-hand fighting, when missile weapons were employed b a comparatively small portion of the compatants, the vanquished were gener-"Master George, I pray into God's ally almost annihilated and the victors ear, and not His eyes. My voice is just suffered enormously. At Cannae 40,000 Romans out of 80,000 were killed. At Hartings the Normans, though the victors, lost 10,000 out of 60,000, and at Crecy 30,000 Frenchmen out of 100,000, were it is asserted, killed, without reckoning the wounded. When the flint-lock reigned the average of the proportion of the killed and wounded And the mother glanced at the child's | in ten battles, beginning with Zorndorf playthings, which lay scattered in wild in 1758 and ending with Waterloo, was from one-fourth to one-fifth of the troops "Make the room neat," replied the present on both sides. The heaviest loss was at Zorndorf, where 32,916 men out of 82,000 were killed or wounded. It was also very heavy at Eylau, being 55,000 casualties out of 160,000 men. In the campaign in Italy in 1859 rifles "Be happy when he comes !" cried the ants was at Magenta and Solferino one- ful though fleeting excitant of the nerv- brought from Southern Africa, and out in the street, and broil or bake, as well extracted, then strain and mix with eagerness; as he watched at the of 1870-71 when both sides where armed make the experiment let him drink a ous climate of California." The fe- the world. I judge the women comb at Sedan, where it was one-twelfth.

Educational.

Work Required at Different Colleges.

At Smith the two lower classes have from thirteen to sixteen hours recitations weekly; the upper classes from twelve to do most work. Wellesley insist on sixteen hours in the first two years, moderating to fifteen for the latter years. The average, to be exact, is fourteen and all students fifteen "periods" of forty of elocution and English, additional. recitation. In Vassar and Wellesley, hard workers.

hours required, the juniors indulging in the largest, the seniors in the least number, while freshmen, on fifteen hours, are the hardest workers. At Yale sixteen hours is the lower class creases to seventeen for upper classmen; University of Pennsylvania men work least as a freshmen on eighteen hours, year, and finally rises to seventeen again. In the Arts course the scientists average, by dint of "lab." work and electives, the startling number of twenty-two hours, most in junior and senior years. Amherst follows with an average of sixteen hours, which, under the influence of upper-year electives, swings from fifteen to twenty. Seniors do most and best work. At Brown, too, seniors do most work on sixteen hours, which is the same with all clases except juniors, they having seventeen. Bowdoin pronounces the fresh her hardest workers. Sixteen hours, with an hour of rhetorical work, are required through the course. Harvard's elective system makes it difficult to give any average. In the first year fifteen hours are prescribed. Sophs have two hours weekly in rhetoric, and six themes a year; juniors have six themes and four forensics; seniors four forensics. In these three years electives range from eight to twelve hours. Four full courses or their equivalent in full and a larger number. Freshmen and juniors -Atheum.

"May I Kiss That Baby?"

To a soldier, far away from home, a village, over whose gateways hung with such vehemence. To digest well, tears as they watched the brothers of this blood is needed at the stomach and of other women march on to possible nearer the fountains of life. It is a fact, death. A scene of the march is thus described by the author of "Bullet and

Stopping for a moment at the gate of a dwelling, I noticed a young mother leaning over it with a chubby child in relation. The drowsiness which always her arms. Above the woman's head follows the well ordered meal is itself | swung a couple of stable-lanterns, their a testimon y of nature to this inter-de light falling full upon her face. The child was crowing with delight at the strange pagent, as it watched the armed host pass on. "I beg your pardon, ma'am," said Jim Manners, one of my men, as he dropped the butt of his musket on the ground, and peered wistfully into the faces of the mother and her child.

"I beg pardon, but may I kiss that baby of yours? I've got one just like him at home; at least he was when I last saw him, two years ago."

The mother, a sympathetic tear rolling down her blooming cheek, silently held out the child. Jim pressed his unshaven face to its innocent, smiling lips for a moment, and then walked on.

"God bless you, ma'am, for that!" Poor Jim Manners! He never saw his boy again in life. A bullet laid him low the next day, as we made our first

A Tea Drunkard.

The term "tea-drunkard" is known throughout Russia, and implies, not the abuse of robur or any spirit distilled from the proportion of casualties to combat- Strong tea is well known to be a power-

Demorest.

The following clips from Demorest are interesting, as are all matters found in the columns of this valuable maga-

The False Prophet.

A flerce religious excitement has taken possession of some of the wild tribes in Southern Egypt. They are one-third hours weekly. Specials are led by a person named Mahdi, formerly allowed not less than ten nor more than a boat-builder in Dongola. He has seventeen hours. Vassar prescribes for already conquered a considerable part of Central Africa, and has, so far, bafminutes each, weekly, with a sprinkling | fled all the Egyptian armies sent against him. The false prophet pro-The limits for ambition and weariness | fesses to be a good Mohammedan, but are twenty and ten periods. Two periods | he has improved on Mohammed's matare allowed for preparation of each rimonial theories by taking unto himself four hundred wives instead of the all classes are considered about equally four which the Arabian impostor dled himself that he understood the Among other colleges, Cornell leads | already over fifty children. This Afrithe way with an average of eighteen can Brigham Young must be a very clever fellow, for he can gather great he had water enough. Then he looked armies and wage successful wars with very badly equipped troops. Some day. he may meet an English army, and that will probably be the end of him; but, average, which, curiously enough, in- at present, he is the most powerful of African potentates, and is supreme in a country as large as half the continent of

The Great Bridge. The East River Suspension Bridge connecting New York with Brooklyn will soon be opened to the public. It is the modern world, and in some respects history. It has been fourteen years in building, and will cost when completed fully eighteen millions of dollars. No doubt much of the money spent has been wasted, and it is open to doubt whether it will ever be worth to the two cities what it has cost. In time, no doubt, Brooklyn will be annexed to New York; indeed, both cities are now substantially one, for there would be ne Brooklyn were it not for the vast business of those who control the commerce centered on Manhattan Island. When united, the metropolis will take rank as the third city in the world in population, and the second in commercial importance. The great bridge will always be an object of interest to the traveler from abroad.

Bartholdi's Statue.

It is clear that Americans are not dominated by sentiment. A syndicate of French capitalists have offered to place a gigantic statue at the entrance to the New York harbor which would be one of the wonders of the world. All they have asked in return is that a pedestal should be provided costing about a quarter of a million of dollars. This matter has been before the public for several years; the statue is finished, but not more than one-third of the money for the foundation has been subscribed. Yet our descendants will regard this great statue of "Liberty Enlightening the World" as a modern analogue of the famous colossus of Rhodes, which was considered as one of the seven wonders of the ancient world. Can it be that our people have a silent misgiving as to whether the liberties we enjoy here are of a kind to be imitated by the rest of the world. ?

M. de Lesseps the Great.

If the constructor of the Suez Canal lives fifteen years longer he will figure in history as the great canal digger of the modern world. He is at present engaged in studying the plans for a canal across the Isthmus of Malacca, a work which, if carried out, will abridge by four days the voyage of vessels plying between Europe and the East via the Suez Canal. Some time since he was revising a scheme for cutting through the Isthmus of Corinth, in Greece; then again he has been actually employed to begin the engineering works which look to the flooding of a large portion of the Mediterranean, the object being to create a great inland sea in Northern Africa, and thus rescue vast stretches of territory from sterility. At the same time M. de Lesseps is hard at work on the Isthmus of Panama to join the this great French engineer.

Ostrich Farming.

the herb, but that the cup which cheers and it is supposed that this new in- ling place. In brief, they live like rats were used on both sides, and we find that intoxicates also, if zealously adhered to. dustry will be a very profitable one. in a hole. When it is necessary to cook, with breech-loading rifles, the average dozen or fiteen cups of tea in the Russian males have commenced laying eggs. their hair only on high saints' days. proportion of killed and wounded at style, that is, without cream or sugar, These last are formidable in size, for They cannot perform the operation for Worth, Spicheren Mars-le-Tour, Grave- but flavored with a drop of lemon juice, they measure four inches and a half in themselves, either, apparently. Neighan epithet as tea-drunkard after all. | laid every alternate day, till ninety eggs | while.—Ex.

are collected. It is believed that in time these birds will be quite common in a wild state in southern California, Arizona, New Mexico, and western Texas. Ostrich hunting is said to be capital sport, but the great value of the animal exists in its feathers, which furnish plumes for female headgear.

The Engineer at a Concert.

"I was loafing around the streets last night," said Jim Nelson, one of the oldest locomotive engineers running into New Orleans, "and as I had nothing to do, I dropped into a concert and heard a slick-looking Frenchman play a piano in a way that made me feel all over in spots. As soon as he sat down on the stool I knew by the way he hanthought sufficient. He is said to have machine he was running. He tapped the keys away up one end, just as if they were gauges, and wanted to see if up, as if he wanted to know how much steam he was carrying, and the next moment he pulled open the throttle and sailed out on the main line, as if he was a half an hour late.

"You could hear her thunder over culverts and bridges, and getting faster and faster, until the fellow rocked about in his seat ilike a cradle. Somehow I thought it was old '36' pulling a passenger and getting out of the way of a 'special.' The fellow worked the keys on the middle division like lightning. one of the great engineering works of and then he flew along the north end of the line until the drivers went around surpasses anything of the kind in all like a buzz saw, and I got excited. About the time I was fixing to tell him to cut her off a little, he kicked the dampers under the machine wide open, pulled the throttle away back in the tender, and Jerusalem jumpers! how he did run. I couldn't stand it any longer, and yelled to him that she was 'pounding' on the left side, and if he wasn't careful, he'd drop his ash pan.

"But he didn't hear. No one heard me. Everything was flying and whizzing. Telegraph poles on the side of the track looked like a row of cornstalks, the trees appeared to be a mud bank. and all the time the exhaust of the old machine sounded like the hum of a bumble bee. I tried to yell out, but my tongue wouldn't move. He went around curves like a bullet, slipped an eccentric, blew out his soft plug, went down grades fifty feet to the mile, and not a confounded brake set. She went by the meeting point at a mile and a half a minute, and calling for more steam. My hair stood up like a cat's

tail, because I knew the game was up. "Sure enough, dead ahead of us was the headlight of the 'special.' In a daze I heard the crash as they struck, and I saw cars shivered into atoms, people mashed and mangled and bleeding, and gasping for water. I heard another crash as the French professor struck the deep keys away down on the lower end of the southern division, and then I came to my senses. There he was at a dead standstill, with the door of the fire-box of the machine open, wiping the perspiration off his face, and bowing at the people before him. If I live to be hundred years old, I'll never forget the ride that Frenchman gave me on a piano. "

Naples.

Naples has half a million inhabitants. such as they are. Naples is quite the proper place to visit, on account of Mt. Vesuvius and the view of the bay. You will be gladder to get out of it, though, than any place you were ever in in your life, not even excepting the station house. I do not see how an American can live in comfort in any Italian city, owing to the notions of cleanliness and decency that are peculiar to the country. But Naples is the worst, Squalid children make the streets hideous from daylight to middesert of Sahara with the waters of the night. The houses seemed to be turned inside out, back foremost, and all domestic and toilet operations to be performed upon the streets.

The lower classes are no more than half civilized. They repudiate and reject utterly commonly accepted notions waters of the Pacific with those of the of delicacy. They are as primitive in Gulf of Mexico. A wonderful man is many of their ways as if they had lived in the time of Moses. One of our party saw a woman spinning with a distaff precisely as women did in the days of A tract of six hundred and forty acres | Homer. The lower stories of the houses of land has been secured at Anaheim, often have no windows towards the Cal., for the purpose of breeding os- street. A door furnishes the light and triches. These ungainly birds are air. Inside of one such room a whole valuable for the feathers they produce, family are supposed to find their dwel-Some twenty ostriches have been they set up a sort of little furnace, right