THE WAR REVIVED INTEREST IN SHIPBUILDING:

The Number of Students at Academy of Naval ry." the proprietor of the luncheon sta-Architecture Has Been Doubled in the Last Few Months.-How They Learn the Art.

the shipbuilding business. This is especially noticeable at the Academy of Naval Architecture and Marine Engineering. While hitherto the average has been seventeen, the boys at the school now number 36, and every day new applications are received. This is especially gratifying to the venerable founder of the institution, who expects before he dies to see the time when the United States will build ships, both merchantmen and menof-war, for European nations, as he used to do in his shipyard on the East

The school and the home were getting along quietly, when along came the war, and lo! the postoffice nearest the academy began to be burdened with the stream of applications and inquiries which poured in to the managers of the institution, and the quiet roads leading to the park in which the building stands were seldom without a carriage bringing parents to the place, who came to beg that their sons might be admitted to the benefits of the institution.

It was not only the humble "carryall" from the railway station which now goes up the hill, but private carriages of people of means, who offer to pay handsomely if their sons can only be admitted. "My son has determined to be a naval architect. I do not know what put it into his head unless it was the war. We always thought he would be a lawyer. This is the only school of naval architecture that I have heard of, so I came here. I would be willing to pay a generous price for his tuition." This is a sample of the applications of the fond mothers or fathers who come to launch their son on his chosen career. They, of course, have to be told that the boy cannot be taken, and the object of the school-to furnish a shipbuilding education to young men who otherwise would be obliged to go without one-is explained to them.

During the past summer, while the school was in vacation, the students were distributed among the various shipyards, where they not only got a practical idea of the workings of a modern shipbuilding establishment, but were also paid wages for their work. They had been allowed to work in shipyards in the summer vacation free. This year they were not only paid, but the yards were sorry to lose them when the school term began again.

Boys of American parentage are admitted to the school between the ages of 15 and 20, and from the time they enter until they graduate everything is provided for them except their clothes. The entrance examination is pretty stiff. Besides the common English branches, algebra, geometry and trigonometry are well gone into.

To the layman the most interesting part of the students' work is done in the molding-loft. This is a large, bare room at the top of the building, unbroken by pillar or post, where the students in their working clothes draw chalk marks all over the smooth floor. These chalk marks delineate the various parts of some ship which the students have been designing or studying from descriptions and plans. The different parts are drawn in the exact size that they are or would be in reality. The molding-room floor is to the shipbuilder what those flimsy patterns, which come with publications for women and look like war maps, are to the dressmaker. From the maze of chalk lines drawn on the molding-room floor a ship can be cut out and put together.

A student not only has to learn how to design a ship on paper and "lay go in at once. They make a great rumdown" its pattern on the molding- pus until they are compelled to take the student has his ship all ready to to go on deck again."

That a revival of the American mer- | materialize he makes out a series of chant marine is about to take place is orders for material. He must know evidenced by many symptoms, among exactly what is going into the conthem the rush of young men to learn struction of his ship down to the smallest rivet and the last pound of paint.

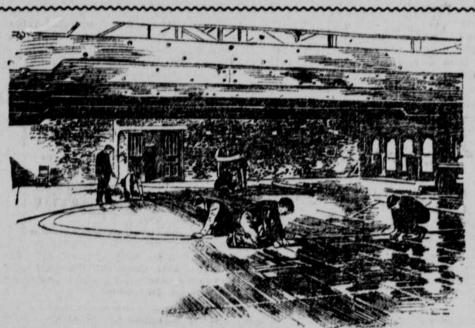
> There is, of course, a lot of drawing-room work, the study of the higher mathematics and of chemistry, marine engineering and the thousand and one things the knowledge of which is essential to the equipment of a modern naval architect. Electricity and magnetism are taken "on the side," as it were, but are, nevertheless gone into pretty thoroughly. Among other things, the boys make beautiful models of the ships they have designed.

> MANY MILES OF GOLDEN HAIR Crowning Glory Galore Boasted by

Chorus Girl in Boston. Envied by all in the Castle Square theater, Boston, is Marie Stuart, a chorus girl, who according to careful estimates has 200 miles of beautiful golden hair. It claims attention not only from the quantity, but from its exquisite texture and color. There is no hint of bleaching fluid about the strands. They are as fine as gossamer and glint like the purest gold. End to end those golden hairs measure approximately 200 miles, or 1,056,000 feet. inches of hair-bearing scalp. The hair -hot, crestfallen. 'Och, whatever

Furnish Imaginary Adventures "Larry's" Tenderfoot Guests. Among the stories which Horace C.

Du Val brought back from his trip to the Pacific coast was one about "Lartion at Norris, in the Yellowstone Park, which everybody will appreciate who knows the witty Irishman, and few people have made the trip in the last few years to whom he is unknown. "The park is full of bears, cinnamon and silver tips," said Mr. Du Val, "and the after-dinner hour at the hotels is always spent by the guests in watching the big clumsy brutes come lumbering out of the woods to feed at the refuse heaps. Larry's is only a luncheon station, a big tent, at which tourists stop in the middle of their day's journey for rest and refreshment. All Larry's supplies come from the hotels, and one day, a short time before our visit, the luncheon hour had almost arrived, and the bread wagon from the hotel had not made its appearance. There was not a slice of bread in the tent. Larry is proud of the reputation of his table; something has to be done, and done at once. Already he hears the rumbling of the wheels and the hoofbeats of the horses that tell him that his guests are at hand. An inspiration comes to him. He hastily summons his entire force, waiters, cooks, scullions, and all, and imparts a few words of instructions. As the coaches draw up at the front of the tent out dashes Larry at the other end, shouting at the top of his lunges, out comes the table and kitchen force at his heels, waving tablecloths, napkins, anything at hand, and scattering in all directions. 'There he goes!' yells Larry. 'Head him off, kill the murtherin' beast! O, the thafe of the world. There he is behind the corn, now we'll run him down by the fence!" and away they all go dashing about in all directions, the amazed guests still sitting in the coaches and wondering Figure it out yourself. There are upon | what it is all about. One by one Lar-Miss Stuart's head about 123 square ry's people return. Larry at their head



LAYING DOWN THE LINES OF A VESSEL. ······

before, but then gave their services is very abundant, and counts on an | shall I do,' says Larry, 'the thievin' average 1,650 hairs to the square inch. divils; sorra crumb of bread, barrin' The hair averages about five feet in crackers, have I got in the place, the length; taking the length at even five | brutes have stolen the whole of it.' feet and the actual number of hairs at | The guests assemble around him with 211.200, you see the 200 miles of hair words of comfort, but it is long before and a few inches to spare. Miss Stuart | Larry will be pacified. He'll have the is hardly five feet in height, so that life of the whole tribe, whether the the hair falls in a golden shower about her shoulders.

WOMEN ARE THE WORST.

"Women are more subject to seasickness than men," said a steward on board one of the steamboats plying between Dover and Calais. "A woman will fight against it to the last and keep up as long as she can hold up her head. Then she takes to her cabin and invariably asks three questions. First, whether people die of sea-sickness, then how many miles it is from shore, and lastly, when we shall get there. She also often asks how deep the water is, and if it is possible for any one to go seven days without food.

"The doctor is then hauled over the if the captain has full confidence in him. Then the patient gets so ill that she loses interest in the doctor, and usually lies on her side and cries for an hour. Luckily the more violent atto order the material for it. When and groan until they are well enough

Maori Women and Their Rights. The Maori women of Australasia have rights-flourishing ones. Generally they have little voice or choice in the selection of their first husband, but they may and they frequently do coals. Is he capable and efficient, and change him. All the Maori gods and goddesses help the Maori whose wife betrays him, but she may trade him without so much as a comment from the public, without the slightest smudge on her good name, and it is tacks only last for a short time. Men nothing to his discredit, either. Courtship is always brief, and does not often preface marriage. The Maoris, howroom floor, but he must also learn how to their berths. Then they grumble ever, love to repeat Oriental love tales and to sing love songs, delicate and charming of diction and sound, Maori widows not infrequently commit suicide upon the graves of their husbands. and are honored for doing so, as in China. Divorce is as simple as-well. simpler than in Chicago. It needs no revenue, emplays no officers. He turns her out of doors and both are free to remarry. That is all. What would

government protects them or not.

Shure, how can he set a decent table

if the black marauders steal it all?

Little by little the guests calm him

down. They 'like crackers,' they

wouldn't 'eat any bread if they had it.'

Larry had gained his point, and ma-

terial had been furnished for an adven-

ture of no ordinary kind, and many

members of the party will doubtless

entertain their friends with the story

of how the bears stole their bread at

Larry's."

Amber in British Columbia. Valuable discoveries of amber have been made in British Columbia, which, it is claimed, will be able to supply the pipemakers of the world with amber for 100 years.

certain many-times divorced theatrical

without any hint of alimony? Girls

are often betrothed irrevocably in in-

fancy. Girls not betrothed in child-

hood are expected to have as many ad-

mirers as they please. Indeed, the

greater the prestige of the girl.

Municipal Suffrage for Comen. Women who occupy houses subject to taxation in Montreal, Canada, either as leasees or owners, have, by the new *harter, full municipal suffrage.

BEARS IN YELLOWSTONE PARK | THE SUNDAY SCHOOL.

LESSON VIII, NOV. 20; 2 CHRON. 33: VERSES 9 TO 16.

Golden Text-"If We Confess Our Sins, He Is Faithful and Just to Forgive Us Our Sins, and to Cleanse Us from All Unrighteousness .- 1 John 1: 9.

The section includes the reign of Manasseh and his son Amon (2 Chron. 33: 1-25),—a period of religious and political decline. Parallel, 2 Kings 21: 1-26.

"Made Judah . . to err." He led them in the evils they delighted to commit, and drew many into sin who under good influences would have been at least outwardly moral. "To do worse than the heathen." "The nation emanicipated itself from the moral law as with a shout of relief, and plunged into superstition and licentiousness."—Farrar, His was "a black heart forged in a cold fire."—Pindar.

10. "The Lord spake." "The prophets denounced Manasseh, and declared that, in consequence of his crimes, God would bring upon Jerusalem such evil as would cause both the ears of him that heard it to tingle,' that he would wipe out Jerusa 'as a man wipeth a dish, wiping and turning it upside down' (2 Kings 21: 12, 13). The Vulgate takes it to mean the obliteration of writing on a tablet. The finest oracles of Micah (6: 1-7) were probably uttered in the reign of Manasseh. The apostasies of the king and the denunciation of the prophets thus came into flerce collision, and led naturally to persecution and bloodshed. Perhaps in Mic. 7: 1-7 we catch the echoes of the Reign of Terror."-Farrar.

"Bound him with fetters." Probably manacles for the hands, and fetters for "Carried him to Babylon." is a curious confirmation of the history that just at this time the captive was taken to Babylon, instead of Nineveh, the Assyrian capital. For Esarhaddon "was the only king of Assyria who, from time to time, held his court at Babylon. (See Ancient Monarchies, Vol. II., p. 476.)"-"As a rule, the lot of a conquered vassal at the Assyrian court was hor-Late and worthless Haggadoth. echoed by still later writers (Suidas and Syncellus), say he was kept in a brazen cage, fed on bran bread dipped in vine gar, etc. (See Apost, Constt., II. 22: And the Lord hearkened to his voice, and there became about him a flame of fire, and all the frons about him melted.' John Damasc., Parall.)"-Farrar.

12. "When he was in affliction, he besought the Lord." That he should do this was one purpose of his affliction. "And humbled himself greatly." His after conduct shows that he was truly penitent in his inmost heart.

"He was entreated of him." God loves to hear and answer prayer. He does it always in the best way for the one who prays; sometimes by making the sorrow complete its good work, some-times by delivering from the sorrow. "And brought him again to Jerusalem." We do not know that he influenced the king to restore him. "Such pardon from king of Assyria was rare, but not unparalleled. Pharaoh Necho I, was taken n chains to Nineveh, and afterwards set

free (Schrader, K. A. T., p. 371)."
14. "He built a well." Rather, built the outer wall of the city of David on the west of Gihon-in-the-valley." The wall intended seems to have been that towards the northeast, which ran from the vicinity of the modern Damascus gate across the valley of Gibon, to the "fish gate" at the northeast corner of the "city of David." The "capta'ns" who took Manasseh prisoner (v. 11) had probably destroyed or greatly damaged this part of the fortification. "And compassed about Ophel." Ophel, the southern part of the temple hill, "Fenced cities." Dethe serrounding country. "He took away the strange gods

15. "He took away the of the city.

• and cast them out of the city. He destroyed the means of idolatry which he had introduced in former years "He repaired the altar of the Lord," etc. He restored the services of true remand as well as example.

The fall of Manasseh was an exception to the general law respecting the history of children of a godly parentage. It is a proverb, almost, that the sons of bishops and clergymen and deacons and elders are apt to be wicked. The restraints of a religious home are sometimes criticized as tending by reaction to the extreme of vice. This assertion is not true historically. Statistics disprove

Examples, "In a certain New England town of some thousands of people, the records of the Christian families were once examined theroughly to test this question. I am unable to recall the exact numbers; but the proportion of the children of such families who became religious men and women, as related to those who did not, was more than five to one. Three or four such investigations have come within my knowledge, all ending in a similar result. In the Theological Seminary at Andover, some years ago, it wis found, on inquiry, that out of its hundred and twenty students, preparing for the ministry of the gospel, more than a hundred were from Christian homes; and more than twelve were sons of Christian ministers. A similar inquiry, with similar results, was once instituted in Amherst College. It is a fact which children in Christian households should ponder seriously, that if they do break loose from the restraints of their religious raining, they become cases of exceptional sin against exceptional privilege.

"The early manhood of Manasseh also illustrates that, when the children of the good become vicious, they do worse than the average of wicked men. 'His conscience suffers more fatal vio-

A Duel of Blankets.

A returned missionary from southeastern Alaska tells in the Midland Christian Advocate of a strange custom among the Indians of that region: When a difference arises between two of them, and a friendly settlement seems impossible, one of them threatens the other with dishonor. He will cover the face of his foe with shame. He executes his threat by tearing up a certain number of his own blankets. The only way his antagonist can get people not give for such divorce laws even with him is by tearing up a greater number of his own. If the contest is prolonged, it results in the destruction of all the blankets they have, each indian destroying his own. The one who destroys the greater namgreater the number of admirers the ber la regarded as having won the fight

To Make Eau do Cologue.

Eau de Cologne is not generally very satisfactory when made at home, but he following way of doing so is a good one: Essence of ammonia, forty-five drops; bergamot, forty-five drops; oil of orange, thirty drops; rosemary, ten drops; nutmeg, three drops; neroli, twenty-five drops; spirits of wine, seven and one-half ounces; orange flower water three-quarter ounces. Mix the oils and spirits of wise first, then add the orange flower water. Cork the bottle tightly, and keep the perfume three months before using it.

An Electrical Postman-

In the Swiss city of Geneva there is an electrical postman, or at least a subctitute for the postman. In high houses letters rightly dropped into the box provided ring an electrical bell on the floor to which they are going, and actuate an automatic hydraulic lift, which carries the letter up to the floor and descends to be ready for the next.

German university students have increased in number from about 10,000 twenty-five years ago to 32,241 last year. The increase is out of proportion to the population.

A Cheerful Woman.

There are emergencies in every household which call for the display of a statesman's skill. The cheerful woman is pre-eminent on such occasions. She conquers the grim uncle or the dyspeptic cousin with her infectious cheerfulness, and her servants recognize her as their ally and friend in all matters that are essential to their welfare. The length of time she keeps her servants is a source of wonderment to her less fortunate friends, but the secret of it is in her own winsome disposition. She soothes the tired worker with a word of kind commendation where another might make a querulous complaint.

\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and muccus surment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of Testimonials.

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Even the optimist forgets to smile when the tax-collector comes around.

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I believe my prompt use of Piso's Cure prevented quick consumption.—Mrs. Lucy Wallace, Marquette, Kan, Dec. 12, '95.

The poor are always with us-and some wealthy people are pretty close.

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"I've worked with all my heart on that book," said a young man who had of poetry which he had edited; "I've used my best taste, and judgment, and research, and I feel confident that nobody could have done the thing better or more thoroughly than I have. And what reward do I get? Harsh criticisms for my omission of a few popular poets and a paltry hundred dol-"A hundred dollars?" echoed the Autocrat of the Breakfast Table. wearily; "why, I wouldn't have written that book for a thousand dollars, I'm sure."

Mrs. Frederick Douglas, widow of the colored orator, is to go on the lecture platform to deal with the history of his race in this country.

"What do you Washington Star: think of Gen. Weyler?" asked one Spanish politician. "Is he what you'd call a safe man in an emergency?" 'Undoubtedly," answered the warm patriot. "Look at his record, When there was trouble in Cuba he never got any closer than the telegraph office. Why, he was one of the safest men in the whole war."

All students of the laboratory course in the university of Heidelberg are required to take out life insurance pol-

Catarrh In the Head

Is an inflammation of the mucous membrane lining the nasal passages. It is caused by a cold or succession of colds, combined with impure blood. Catarrh is cured by Hood's Sarsaparilla, which eradicates from the blood all scrofulous taints, rebuilds the delicate tissues and builds up the system.

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The great Lick telescope of America reveals stars so far distant that it would require 30,000 of them placed together to be visible to the naked eye.

To The Members of the Farmers' Alliance & Industrial Union: I have made a careful investigation from the best sources of reliable information about the Swanson Rheumat.c Cure Co.'s Remedies, and found that they were giving good satisfaction. I therefore deem it but an act of simple justice to our members to say, that I believe that the claims made by the Conpany for their remedies will be fully realized by those who will give them a fair and reasonable trial. Yours fraternally, Jno. C. Hanley, Business Agt. F. A. & I. U. St. Paul, Minn., Oct. 28th, 1893.

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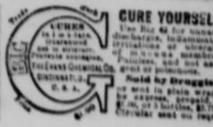
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