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THE DISPA CH Mar 2 1918

JAPANESE SUPERSTITION

The Japanese have many curious supervisions about animals, the viet supernatural power of foxes. There are numberless shrines, indeed, dedicated to foxes in Japan. The badger is another animal feared by the superttitious Japanese mind. It is believed to have power to annoy people, and to be able to turn into a priest at will. The crying of weasels and the baying of dogs are considered evil omens, and such insignificant happenings send a shudder over the believers. In Japan a light-colored mouse in the house is a sign of happiness. If a spider falls from the ceiling in the morning it brings pleasure, but if at night, it is thought to be very unlucky. tappiness in Japan

Advice About Ducks

The breeding ducks should have a stream of clear water to bathe at. It is not essential, but it gives better fertility. When the drakes are forced to tread on land they offtimes slip and rotten eggs or dead germs result. Ducklings raised for market have water only to drink, and every precaution is taken to keep them out of A muddy or dirty duck will not I ri e. Keep the pens as clean as por sible. Feed the best and purest ing. of foods, and be extremely careful Ex to have any sour food lying ground, and to keep their water abplutely clear and fresh.

The Ideal Home

In building that new home build It for the future and for conventence. Don't compromise for immediate conditions. Build it so it will make more pleasant the lives at thosy living in It and lengthen too lives o' those who must toil in it

only making an enemy of him M istard plasters will not bliper if

mixed with the white of an e.g and bot water

REBUILT EIGHT TIMES

Gramatic Story of a Bridge and ar Italian Charge

The fighting on the eastern front between Italians and Austrians is In a Described by an English corres pondent: Running from Trieste to Gorizia, a distance of about twenty. the hill itself, so that when the italians reached the Isonzo immediately atter the outbreak of the war they found ad to rebuild them under fire story has never yet been fully hid because the work was done so and under such conditions that it is only now that the mind of the nation is beginning to realize At Segrado, where the river is correct shee of water over a hundred yards he bridge was built eight times. Eight times it was destroyed but finally it was rebuilt and the batteries Then the Bersaglieri set out in flat boats still under the steady fire o. the Austrian batteries, and it has never been officially made known. what sacrifices were made on that soot. Then the scaling of the commenced, the men gathering such protection as they found easily at hand. They could not be very well protected by their own heavy guns at the other side of the river because In attempting to destroy the enemy trenches they might easily destroy lueir own Ye the Bersaglieri dug themselves into the rocks and managed to hold he enemy back until reinforcements rame. All this was at a time when sosition on the slope was occu pied .N the Austrians. But since then the men of the shovel and pick and er whar and blasting powde have trrived. They have made large quar-ries from which material can be got for the building of the defences.

EXPANSION OF ME

Effects of Temperature on Railway and Bridges. .

An ordinary poker, such as in used in our homes for stirring up the fire on a Anter's night, if allowed to come to the temperature of boiling water of is yout one two-hundred and-fifth eth of an inch longer than when at the freezing point. This does not mean much to the everyday man, but the expansion of metals due to heat is a very important subject for the bridge engineer or the maintenance of wag superintendent.

An accident occurred not long ago Fugland due to the expansion of rais The variation of temperature between To see a centipede at night means winter and summer in many parts of the world is not more than 80 degrees F Yet this range of temperature is competent to produce a variation If the length of the rails of about two feet in the mile. The effect of this es pansion if it is not allowed for in til track is usually to cause the outer ral on a curve to bulge out more than the inner one and thus throw the track out of grage. The force exerted by an expanding rail is estimated at about 1.009 pounds for each degree of temperatury -Railway and Locomotive Engine

Novel Railroad Record.

The Grand Trunk Pacific railw. (Canada) has commenced a novel us dertaking whereby a record of the growth of the west so the sail way is a factor in its growth will be kept, says the Scientific American, The official photographers of the compauy have begun to work on the plan If the company, and towns blong the the will be photographed, each phototraph being duplicated yearly, so that To se' a thing to a man who rearry a continuous record may be obtained doesn't want it is not smart; is and kep of each individual town from and kepi of each individual town from the time it sprang up throughout the period of its growth. The record kept is expected to be of invaluable importan e in years to come.

GREAT ARTIFICIAL HARBOR.

Naval Port at Dover is Larges Pares of Open Sea Ever Inclosed

The opening of Dover nail port marks the completion of the greatest artificial harbor ever built entirery is the open sea. The scheme includes an extension of the admiralty prer for 2.000 Teet, the formation of reclama tion works for the protection of the shore at the eastern end of Dover town extending in the direction of St. Margaret's bay for 3,900 feet, a protecting arm extending from the eastern and of the reclamation for a distance of 2.906 feet into the open set and an island breakwater approxit mately parallel with the shore line end extending from the end of the admin ralty pier extension on the west to the end of the easterly pier, already refer red to, with wide entrance opening between the heads of the several breaf waterd. If we include the eighty acres which constitute the present commental harbor there is inclosed h tiese works a total area at low water of 690 acres of deep water harbor ca pable of floating the largest of modent battleships and ocean tiners. This if the rargest area of the open sea even inclosed by solid masonry protecting works. Although that portion of the inclos ing breakwaters which is visible high water gives an impression their great length and of the wide extent of the harbor, it is a fact that the visible masonry represents only small proportion of the work actually done. The total length of the sea works is two and a half miles, two miles of which are in exceptionally, deep water. Thus the 2,000 foot em tension of the admiralty pier measure from the top of the parapet to the foundation nearly 100 feet in height and the eastern pier has a total heigh above foundations of eighty-seven feel The total width at the base of the piers is over fifty feet and at the tog forty-saven feet six inches. The fears which hars whe pupressed that this, like other wor wor from the open sea, might br, subjected to shealing up by drifting saudt have not been vertfied, the depth remaining practically constant .- Scientific Ameri-

HABIT OF SAVING

Establishing Your Character You Will Earn Respect

One of the best habits that a young man can form is that of saving a certain part of his earnings regularly. It's going to take a strong character form the habit of saving money from a small income, yet it can be done. There are so many allurements and attractions for a young man nowadays that it will take all of his strength of purpose to live to the motto, "I am going to save now, so that in the years to come I shall have something to show for my industry. And men can save money on a smallsalary if they will. It is admitted, of course, that there are times when a man with family, children and sickness must go in debt, must for the time live beyond his means. But the fact that he has formed the habit of thrift will tide him over many a hard place; and give others confidence in his ability to get out of debt if once, he has been compelled to go into it. Among the many good things that may be said of a young man there is none better than to say of thim : "He is a man of sobriety, industry and thrift." These things make more seadily for success than one may magine. But greater than the money that a young man can save is the character that he is establishing. Miserliness, stinginess, greed are to be mohorred, but prudence and carefulness in expenditure are graces which cultivated make of a man a tower in the community and give to tim a character which commends its salf to all.

Best Size of Broilers

It is claimed that the most deliclous, julcy broiler that an epicure. can fancy is a turkey poult of about six pounds, or when about two-thirds grown, and of medium size. Many a young male two-thirds grown would be too large to broll. If rather large. howe r, the breast may be sashed, and thus more easily cooked through, but it must not be dried.

when Motor Wisses

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If motor persists in missing when only a light load is being corried, bee fore'retarting to adjustments of the carb retor try making spark gan a little vider, presuming, of course trat the magneto is being used. On the other hand, if the motor misses whea there is a heavy load on board, it may possibly be obviated by closing that ark gap slightly.

Why Fowls Need So Much Air

Wedding Invitations and Announcements Tickets of all Kinds Posters, Handbills Dodgers Figiammes

ALSO CARRIED IN STOCK Road Taxes, School Taxes Poor and County Rates Deeds. Mortgages Bonds and Bills of Sale the other schemes is, explains Mr. Receipts and Notes

Books of 50 each



Loans to Supplement Services of Banks to Farmens

EDMONTON LAND SCHEME

The Edmonton board of trade have adopted a scheme for land develop-". T. Fisher, secretary of the Edmonon board, that the recommendations but forward by his board were forwhich have given long study to these matters and are equipped with a practical working knowledge and extensive experience regarding these problems, gained where the schemes expected to be applied. One of the reasoned ations made is for a bean scheme designed to supplement the service which the chartered afford. This matter is approached by the committee much more conservatively and with a much heener sense of the difficulties in the way, than by the advocates of numerous farmfloan mes which have been put forward. This the committee had a keen realfwhile the committee had a keen reali-mation of the fact that cheap money of our farmers is highly desirable ad would tend to promote increased providential production, they also along that neither the ordinary laws a supply and domand nor the accustates sound financing, can be set at

They Have an 'Arbest.

can.

A member of the London county council gas regretting the lack of art sense displayed by his fellows when they place ; an open space at the disposal of the people. He pleaded elequently for fountains, goldfish in ornamental basins, lions and unicorns in stucco and emerald green garden seats. "Why," said he, in a splendid peroration, "we want something homely and countrylike-a little arbor here and there. If a foreigner came to this country and asked to see one we've never an arbor worth showing ' show him."

Then up and spake another member, who, prior to attaining the height of his civic unbitions, had been - petty offeren the navy

"Oh, we 'aven't 'aven't we? . "bd wot about Portamouth 'arbor?"-Low

Fowls are obliged to throw off much the waste of the body throug (the gs, they do not sweat in the sease t do other animals, but instead sthe several times faster than sting animals when heated. To hearly even times the amount of fresh air in proportion to its size as does a ho-se.

WHERE JUNE 21 IS NOON OF. THE . YEAR

Bounda Strange, But is True . + Pola Novel Facts About Night and Day

We are ant to refer to a day or a fay and a night to indicate a speci o period of time without realizing th : the terms have a different meaning in different parts of the world. Not everywhere and always does the gatural day include 24 hours if neute red from sunrise to sunrise

The fact is that a day is por a fixed number of hours, but the length of Bar during which the Kgh. of the Din illumines any part of the sar le in some parts of Norway the day lasis from May 21 to July 22 withow valers ration. In Spitzbergen the langest day is three and one-half months and the shortest two and a half of act at ight. At Petrograd the longest a :? is 19 hours and the shortest 5. \t Hamburg the longest is 17 and the portest 7, and in London the longest 161/2 and the shortest 8.

The'beginning of the day is not a question of universal agreement. is s been arbitrarily decided by differ bit peoples from time to time. This Incient Jews fixed the beginning of he day at sunrise; with the Umbrians It began at noon, and the Egyptians and Romans fixed the time at m'dsight, a custom adopted by Canada, the United States, and most of ine Luropean countries.

It is a matter of common knowledge that the longest day of the year is June 21 and the shortest December (sometimes the 22nd). This latter is the time when the sun is fartbest south on its annual slant over the tropic of Capricorn, making the maxinum declination to the axis of the earth. All over the world this data marks a turning point in duration of the day although in every case it is not the shortest day. In places south of the equator they are enjoying the this it is high noon of the sig-monits day, and at the North Pole midnight of the "IT

