

BUILDING AND SCIENCE

NEAT COTTAGE HOME.

Just the Thing for Lovers of Cozy Dwellings—How to Produce Excellent Results with Twenty-Standard Dollars—Plans and Specifications Prepared by Our Own Architects.

This very pretty 9-room colonial home can be erected for \$2,500 upon a stone foundation. Its depth, including the veranda, is 40 feet, the width 34 feet. The height of the first story is 9 1/2 feet, second story is 9 feet, of basement 7 feet.

The foundation will be rubble stone, 16 inches thick. The siding will be narrow O. G., laid 2 1/2 inches to the weather. The gables will be ornamented with composition carving, and square butt shingles.

The interior will be finished throughout with hard white plaster, soft wood floors and trim. The stairway is to have an ornamental newel post and balusters. The kitchen and bathroom will be finished with tile.

The sizes of the rooms are as follows: Parlor, 12x13 1/2 feet; sitting-room, 12 1/2 x 14 feet; dining-room, 12 1/2 x 13 feet; kitchen, 12x13 1/2 feet; and four chambers, one 13 1/2 x 14 feet and three 10x12 1/2 feet.

There is a laundry in the basement as well as coal rooms, fruit rooms and furnace room. The attic is floored for a storage room. The size of the studs are 2x4; floor joist, 2x10; roof rafters, 2x6; sills, 8x10.

The entire house is sheathed with matched flooring, with building paper between sheathing and siding.

The sitting and dining-rooms will have fireplaces. The parlor and sitting-room are divided from the hall by closed openings, and the sitting-room and dining-room are divided by a large sliding door.

The entire house is piped for gas and furnace and wired for an electric bell. The shingles on the roof will be of the extra Star A Star kind, painted

two coats yellow ochre. The chimneys are to be yellow-painted brick capped with smooth sandstones.

All floors, including veranda and porch, will be double, with tar paper between them. No finished floor is to be laid until all plastering is done.

All doors will have five panels running across the doors. All glass is to be American double thick. All windows will be hung with weights and pulleys.

The owner will furnish art glass, shelf hardware, mantels and bathroom fixtures. GEORGE A. W. KINTZ.

LENGTHENING LIFE. What the Liberal Use of Water Will Do for Manhood.

Dr. R. H. Dalton says that, although to suggest that methodical use of cold water as a beverage in the absence of thirst is a means of augmenting the chance of longevity may seem a little liable to be dubbed a crank, if not lunatic, the idea has a soundly physiological origin and is well supported by experience.

For refreshing the entire system, dissolving all poisons from the blood, whether of scrofulous or malarial origin, this preparation has no equal.

colours of nature and the chief agent in all the transformations of matter. When taken into an empty stomach it soon begins to pass out through the tissues by an osmotic process into the circulation to liquefy effete solids whose excretion from the system is thus facilitated.

Very few people think of the necessity of washing the neck as well as the outside of the body, and he who would be perfectly healthy should be as careful about the cleanliness of his stomach as that of his skin.

PRETTY EXPERIMENT. How to Make Use of Bottles Whose Necks Have Been Broken.

Here is an experiment by which you may make some use of a bottle whose neck is broken. Pour oil into the bottle until it reaches the point at which you wish it to be cut clean through.

Then place it upon a table and plunge suddenly into the oil a red-hot poker. You will hear a snap, and then perceive that your bottle is cut regularly

through, level with the liquid which it contains. You will thus transform a broken bottle into a presentable vessel.

A notched glass may thus be transformed into a new one. By removing each time a part of the oil and by cutting the bottle every time in the manner shown, you will get a series of glass rings curious to behold.

A Home-made Barometer. A barometer which is said to be reliable may be made by filling a common wide-mouthed pickle bottle to within three inches of the top with water.

An ordinary olive oil bottle is then inverted and placed within the mouth of the pickle bottle as far as it will go. In fine weather the water will rise into the neck of the flask higher than the mouth of the pickle bottle; in wet or windy weather it will fall to within an inch of the mouth of the flask.

Before a heavy gale of wind, and at least eight hours before the gale reaches its height, the water has, it is said, been seen to leave the flask altogether.

A Big Shower of Meteorites. Of the 14 huge masses of meteoric iron which fell on a spot less than 64 square miles in area near Fort Duncan, Mexico, the largest is bee-hived shaped and is buried five feet in the soil and rises four feet above the surface.

The second mass in point of size has been moved to the National museum at Washington. It weighs over 4,000 pounds. The other 12 pieces weigh from 67 1/2 to 650 pounds.

The name in the headline is that of a new species of fibrous mineral recently discovered by Senator H. Elroy Valenzuela in the United States of Colombia. It has many of the remarkable properties of asbestos and is perfectly transparent as well as combustible.

Vegetation and Water. Experiments have shown that the common sunflower exhales twelve ounces of water in twenty-four hours. Roots of all trees draw large quantities of moisture from the soil, which is discharged into the air through the leaves.

Sight the Time of Growth. A scientific writer says that night is the time which nature utilizes for the growth of plants and animals; children grow more rapidly during the night. In the daytime the system is kept busy disposing of the wastes consequent on activity, but while asleep the system is free to extend its operations beyond the limits of repairing and restoring the cells, hence the rapid growth. This is why invalids need so much rest and sleep.

A Convenient Fashion. Mrs. De Fashion—Did you take the medicine the doctor ordered? Small Daughter—Yes, an' it was horrid. Mrs. De Fashion—Did you take a spoonful?

Small Daughter—No; I took a fork-ful. Spoons is out of fashion, you know, mamma.—Good News.

Two Sacrilegious a Job. Mr. Fastley (making a Sunday evening call)—I understand Miss Kostick, that you are an expert mind reader. Won't you please experiment on me? Miss K.—Excuse me, Mr. Fastley, but I don't regard your mind as a proper subject for Sunday reading.—Life.

It Made His Mouth Water. Pedestrianizing Pat (reading novel) I wish I had the eyes of this gal 'twit I'm readin' about. Pedestrianizing Pat—About every other page it says sumthin' about her eyes bein' liquid.—Truth.

Weight of the Atmosphere. The atmosphere weighs about a ton to every square foot of the earth's surface, 26,000,000 tons per square mile, or 5,000,000,000,000 tons on the total of 300,000,000 square miles.

TIME WITHOUT A WATCH.

Process That is so Troublesome as Making Actual and Repeated Experiments have shown that the nearest hour of the day or night may be ascertained in the following curious way:

Make a small running loop in a piece of sewing thread about 18 inches in length, place a shilling in this loop, see that the coin is accurately bisected by the thread and then draw the loop tight up, so that the shilling is firmly snug at one end of the thread.

Put on a string table a glass tumbler with a fairly wide mouth. Rest your right elbow on the table in a firm and easy position so as to avoid any shakiness in your hand, hold the other end of the thread between your first finger and the "ball" of the thumb (i. e. the flesh-eyed joint of the thumb) so that the thumb nail is underneath, and a few inches above the middle of the mouth of the glass.

Now, if you keep your hand quite steady, the movement of the coin which is hanging inside the tumbler, will become less and less until the shilling is motionless. Then, in half a minute or so, a very slight and regular vibration will commence, the coin oscillating from side to side like a pendulum, and gradually increasing the length of movement until it gently strikes the sides of the glass, or the shilling goes on in the most regular and automatic way, first on one side of the glass and then on the other, until, say, eight strokes have been struck, the vibrations of the coin then diminish in length until the suspended shilling again becomes motionless and hangs in the middle of the tumbler.

You look at your watch and find that eight o'clock is the nearest hour. I have tried this over and over again, deliberately setting about the experiment without any intention of influencing the swing of the coin, and also being ignorant of the time, and when my hand has been steady the right time has invariably been struck.

There is something very curious about this phenomenon. Whether the thread is influenced by the pulse in the "ball" of the thumb, or whether there is some unconscious transference of "intention" from the brain to the thread, I do not know; but in any case the matter is sufficiently interesting to be worthy of serious study by persons who will carefully and without bias carry out this singular experiment of telling the time.—London Tid-Bits.

ENGLISH ARISTOCRACY.

LORD COLIN CAMPBELL has turned up in Bombay as a counselor employed to defend twenty-nine Mohammedans implicated in the great riots.

PROF. CUMING, M. D., to whom Mr. Gladstone has tendered a baronetcy, is an eminent Irish physician and a professor in the Queen's college at Belfast. His daughter married a son of Sir Charles Russell.

SIR JOHN GLADSTONE, nephew of the grand old man, is described as a tall, broad-shouldered young giant, as ardent a conservative as his uncle is the reverse, and one of the most extensive distillers in Scotland.

R. C. SPENCER, M. P., wears collars four inches high, probably the highest on record. They are made from a special pattern, never stand more than one or two washings, and it takes three of them a day to satisfy Mr. Spencer's instincts of neatness.

SMILES.

"I forgot to send you over my new book of poems. I—" "How thoughtful of others' comfort you always are, Mr. Scowler."

"Why don't you strike the man across the street for a quarter?" "Rags—" "I've been waitin' two hours to see if he won't come over this way."

"My LONGTALK is doing a wonderful amount of good among the poor overworked people." "In what way?" "He preaches sermons long enough for them to get a good refreshing sleep every time."

A cowardly dog is always showing his teeth.—Bain's Blog.

The pickpocket's motto is "touch and go."—Philadelphia Record.

SOMETIMES when a man airs his views he raises a breeze.—Lowell Courier.

Common events cast their shadows whether they ever come or not.—Youth Men's Era.

SMILING a child to do wrong is as much a sin as shooting at a man with a gun.

We forget the sunlight when we notice the shadow.—Ram's Horn.

Don't Forget it is Royal BAKING POWDER that makes the delicious biscuit, griddle cake and doughnut.

When, as a rule, our agriculturists are not as potent in politics as they might be, there is no denying that the farmer with his heavy boots often has quite a pull.—Buffalo Courier.

Have You Asthma? Dr. R. Schifmann, St. Paul, Minn., will mail a trial package of "Schifmann's Asthma Cure" free to any sufferer. His addresses by giving it away. Never fails to give instant relief in worst cases and cures where others fail. Name this paper and send address for a free trial package.

HALF'S Honey of Horseboud and Tar relieves whooping cough. Pike's Toothache Drops Cure in one minute.

AFTER a short season in the blacksmith's hands many a wagon wheel knows what it is to have that tired feeling.—Buffalo Courier.

FOR BRONCHIAL and Pulmonary Complaints "Brown's Bronchial Troches" have great curative properties. In boxes, 25 cts.

A MAX is much like a razor, because you can't tell how sharp he can be until he is completely strapped.—Sittings.

A CURE for nearly all the common ills—Take Beecham's Pills. For sale by all druggists, 25 cents.

"This hat thing Fred did was to kiss me." "I should think it would be."—Life.

Mark Twain's New Novels. Have been secured by The Century Co. for publication in their magazines. "Pudd'nhead Wilson" A dramatic and humorous AMERICAN NOVEL begins in the December CENTURY MAGAZINE. The most superb Christmas number ever issued. Ready everywhere Friday, December 1st. "Tom Sawyer Abroad" A delightful story for boys and girls, begins in the Great Anniversary (November) Number of ST. NICHOLAS FOR YOUNG FOLKS. New for sale everywhere, price 25 cents.

Nervous Headaches. There are no people more miserable than those who suffer from this trouble, and there are none more happy than those who have been cured by Hood's Sarsaparilla. I personally recommend Hood's Sarsaparilla to my friends because it has been of great benefit to me. I have been afflicted with dyspepsia and nervous headaches for several years. After using other preparations without success, I concluded to try Hood's and am pleased to say I have been benefited more by Hood's Sarsaparilla than by all other medicines combined. In fact, it has cured me. I have also used it as a blood purifier with marked success, and I also find Hood's Pills very beneficial. D. W. CASPER, D. R. 25 South 4th St., York, Pa.

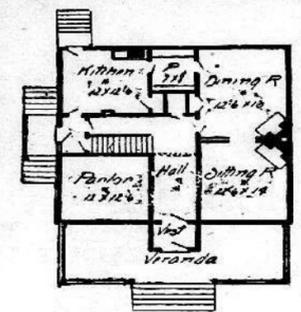
"August Flower". Eight doctors treated me for Heart Disease and one for Rheumatism, but did me no good. Everything that I took into the Stomach distressed me. I could not sleep. I had taken all kinds of medicines. Through a neighbor I got one of your books. I procured a bottle of Green's August Flower and took it. I am to-day stout, hearty and strong and enjoy the best of health. August Flower saved my life and gave me my health. Mrs. Sarah J. Cox, Defiance, O.

McELREES' WINE OF CARDUI. For Female Diseases.

Profitable Employment. We want to engage the services of an energetic man or woman to represent THE LADIES' HOME JOURNAL. We offer employment that will pay far better than clerkships. Send for circulars, illustrated premium list, sample copies and private terms to agents. CURTIS PUBLISHING COMPANY, 204 Boston Bldg., Denver, Colo.

Ely's Cream Balm WILL CURE CATARRH. Price 50 Cents.

SWIFT'S SPECIFIC. For removing the entire system, dissolving all poisons from the blood, whether of scrofulous or malarial origin, this preparation has no equal.



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PLAN OF SECOND FLOOR.

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THE CLAIRETTE SOAP. In Hard or Soft Water this Soap works so well, that Women want NO OTHER. THE GREATEST MEDICAL DISCOVERY. DONALD KENNEDY, OF ROXBURY, MASS., Has discovered in one of our common pasture weeds a remedy that cures every kind of Itch from the worst Scrofula down to a common Pimple. He has tried it in over eleven hundred cases, and never failed except in two cases (both thunder humors). He has now in his possession over two hundred certificates of its value, all within twenty miles of Boston. A benefit is always experienced from the first bottle, and perfect cure is warranted when the right quantity is taken. When the lungs are affected it causes shooting pains, like needles passing through them; the same with the Liver or Bowels. This is caused by the ducts being stopped, and always disappears in a week after taking it. If the stomach is foul or bilious it will cause sweetish feelings at first. No change of diet ever necessary. Eat the best you can get, and enough of it. Dose, one tablespoonful in water at bedtime. Read the Label. Send for Book.

GROVE'S TASTELESS CHILL TONIC. It is as pleasant to the taste as lemon syrup. The smallest infant will take it and never know it is medicine. Children cry for it. Chills once broken will not return. Cost you only half the price of other Chill Tonics. No quinine needed. No purgative needed. Contains all the medicinal properties of Quinine, and removes all malarial poisons from the system. It is as large as any other tonic and RETAILS FOR 50 CENTS. THERE ARE MANY IMITATIONS, TO GET THE GENUINE ASK FOR GROVE'S WARRANTED. CORNERSVILLE, MISS., Dec. 30, 1893. PARIS MEDICINE CO., Paris, Tenn.

ARE YOU SICK? W. W. HAYTT, M. D. Red and Black Pills. W. W. HAYTT, M. D. CHARTSHORN'S SPECIFIC. EDWARD WILDER'S SARSAPARILLA.