

The Messenger Almanac.

Table with columns for Day, SUN, MOON, and High Tide, listing times for various days of the month.

THE TIDES.—The column of the Moon's Southings gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

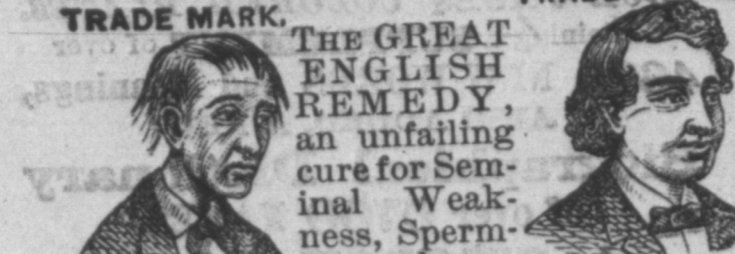
FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

PATENTS

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GRAY'S SPECIFIC MEDICINE.



Before Taking Impotency, After Taking all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave.

Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail druggists.

DR. J. WOODBURY'S Horse Liniment,

Is the only decidedly, reliable remedy for all affections of the Horses' hoofs, and promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, and Saddle or Collar Galls, &c. &c.

Sold Wholesale by BROWN & WEBB, Halifax; and at Retail by BROWN BROS., and by Druggists and Grocers generally throughout the province.

THE FARM.

THE QUALITIES REQUISITE FOR A GOOD FARMER.—1. A man to succeed in farming must be industrious. Inclined to labour hard and persistently, not always, necessarily, in tilling the soil, but in various ways of looking after the business of the farm.

2. He must be economical. That does not mean that he must be parsimonious, narrow, grasping or mean, but that he makes liberal outlays where they will bring still more liberal returns, and saves where saving will not end in waste.

3. He must be calculating. Must look far ahead, and make his plans for years in advance. The farmer who merely tills his fields from year to year without considering what crops they are to bear in succeeding years can hardly meet with the highest success.

4. He must be orderly. We have heard it remarked that a farmer must be something of a sloven to make money in farming, and to a limited extent there may be some truth in the saying, but money-making is not the only evidence of success in farming.

5. We will say, finally, that he must have good judgment. After he has grown good crops he must know how to dispose of them to the best advantage and in the most profitable form.

WINTER FEEDING OF CALVES.—A correspondent of the National Live-Stock Journal asks what would be the best ration for spring calves the coming winter for profit, with corn at \$7 per ton, bran at \$7, oil-meal at \$28, and prairie hay at \$4.

Calves digest whole corn better than older cattle, as we have found by careful experiment, very little comparatively passing them undigested. This is probably caused by better mastication, and also by more active digestive organs.

But the mode of giving the ration is of considerable consequence. If this corn, bran, etc., are mixed with cut hay, so that the hay and corn must be eaten together, a more perfect digestion will take place.

and half in the evening. One peck of cut hay to each calf at a feed is sufficient. The hay should be distributed in a trough, and a corn, bran, and oil meal mixed with it.

THE EGYPTIAN OBELISK AT NEW YORK is 70 feet long, 8 feet square at the base, and 5 feet 3 inches at the top. It weighs 200 tons, the pedestal 43 tons, the steps, or foundation, without the pedestal, 74 tons.

Any boy can measure the height of a tree without climbing it, when the tree stands so that its shadow can be measured. Place a stick or pole in a perpendicular position, get the length of the shadow of the tree. Then multiply length of the shadow of the tree by the height of the stick, and divide by the length of the shadow of the stick.

THE RESONATOR is a very simple and apparently very effective appliance for increasing the volume and power of the human voice when singing. It consists of a gold plate fitted to the roof of the mouth, close above the upper teeth—much in the same way as the gold palate of a set of artificial teeth—the plate having attached to it another gold plate which is convex downwards in both directions.

TO MEND RUBBER BOOTS.—Take a piece of pure rubber (an old shoe), put it in a bottle and cover to twice its depth with spirits of turpentine. When dissolved take the boot and press the rip or cut together, and put the solution on with a camel's hair brush.

VARIETIES.

The preacher was one of those who believed he ought not to select a subject before-hand; but when he rose to speak and opened the Bible the first verse that met his eye must be used. That happened to be "The voice of the turtle shall be heard in the land."

Somebody who appears to know how fashionable schools are managed says: "To educate young ladies is to let them know all about the ogies, the omenies, the ifics, the ties, and the mistics; but nothing about the ings, such as sewing, darning, washing, baking, and making pudding."

Why are pianos the noblest of manufactured articles? Because they are upright, grand and square.

To Architects, Builders and Others.

BROKESHIRE'S PATENT MINERAL FIRE-PROOF ROOFING

—AND COMPOSITION FOR— Paths, Sidewalks and Cellar Floors!

PATENT MINERAL FIRE-PROOF ROOFING.

There is an old saying that "necessity is the mother of invention," and perhaps nothing is felt, as a want, by our Builders and Architects, more than a good Material to cover flat roofs, and one that dependence can be placed in.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKESHIRE, of Kingston, Ont., who has succeeded in introducing it extensively in that locality; and wherever it has been used it has given the greatest satisfaction.

This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat."

PATHS, SIDEWALKS and CELLAR FLOORS made of this Composition become hard and durable almost as iron, and proof against atmospheric influences.

The undersigned is now prepared to show samples of the Roofing, and to receive and attend to orders for spring and summer operations.

The Prepared Roofing and Composition may be had in barrels, and sent to any part of the Province, together with full directions for use.

The most Perfect Satisfaction Guaranteed! Price and full particulars on application to GEO. FRASER.

Agent for the Maritime Provinces and Newfoundland. Bedford Row, Halifax, July 1st, 1880.

INTERCOLONIAL RAILWAY. WINTER ARRANGEMENT. TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.)

Windsor and Annapolis Railway. Winter Arrangement—Commencing Thursday, 16th Dec., 1880. The following is according to Railway Time. Halifax times is 15 minutes later.

Table with columns for GOING WEST, GOING EAST, and stations including Halifax, Windsor, Kentville, Berwick, Middleton, Annapolis, and St. John.

HALIFAX and CAPE BRETON RAILWAY. Leaves Antigonish at 9 a.m., and New Glasgow at 2.30 p.m.

Western Counties Railway. Train leaves Yarmouth daily at 7.45 a.m., and arrives at Digby at 11.45 a.m.

Nov. 5. eow.

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3. each. Alphabetical List of Members 40 cents each.

SAVE THE NATION!

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember, RIDGE'S FOOD

INFANTS AND INVALIDS,

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

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C. & T. PHILLIPS, Corner Granville & Sackville Streets. BOOK BINDERS, PAPER RULERS, BLANK BOOKS, Manufacturers, Perfumers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

MUSICAL.

GATES BROS.,

Manufacturers of ORGANS AND PIANOS, Organs from \$75 and upwards. Warranted for 7 years. The usual discount to Clergymen, Churches, Teachers and Societies. Factory—MELVERN SQUARE, Annapolis Co.

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