Scientiffic.

To Prevent Taking Cold.

less necessary.

open air, accustoms himself, in the first place lar process. to atmospheric vicissitudes—than which nothing can be more needful, especially, to us, Arctic and Torrid.

le-s liable are we to take cold.

the contrary is also true. The more we are ing in houses recently erected. within doors, especially when our roooms are annecessarily warm, the less heat do both the lungs and the skin generate, and the more susthe system.

whether living or dving.

-Boston Journal.

Water! Water! all Water.

The extent to which water mingles with derful. The glittering opal, which beauty enough, with a due degree of light. wears as an ornament, is only flint and water. Of every twelve hundred tons of earth which a landholder has in his estate; four hundred are water. The snow-capped summits of Snowdon and Ben Nevis have many million tons of water in a solidified form. In every plaster-of-Paris statue which an Italian carries through London streets for sale, there is chalk.

The air we breathe contains five grains of water in each cubic foot of its bulk. The potatoes and the turnips which are boiled for our dinner, have, in their raw state, the one seventy-five per cent., the other ninety per cent of water. If a man weighing ten stone pounds of carbon and nitrogen, diffused through ed adheres very strongly to the tooth, and is five and a half pailfuls of water.

In plants we find water thus mingling no into the mouth. less wonderfully. A sunflower evaporates one

of water. An acre of growing wheat, on this case of a Mrs. Locke, who bled to death in perience: calculation, draws in and passes out about consequence of the extraction of a tooth. wholly efficient in preventing the habit of is, for instance, dyed by various colors being

Secondly-He who is much in the open quickly inhabited. He says, that in various n England, \$1 per pound. air, inhales more oxygen than he who is less parts of the outskirts of London, a large num-For as a general rule, except for a few ber of new dwellings are constantly being hours of the day in midsummer, a given vol- erected, and scarcely are they completed beume of air-and a given volume is all we can fore they are occupied. Five cases of choleinhale-inhaled from the open atmosphere, ra which proved fatal to persons who had reamount of oxygen inhaled, the stronger the were produced by the exhalation from the the kind. oxygen in a given volume of air, is in application of the health of the occupants. From production of such articles, in the form of food is no mistake in it- I have proved it. tion to this great membrane, the better are its the fresh materials which compose the dwell- of some kind or other, in the most economivarious offices or functions fulfilled, and the ings, deleterious exhalations arise, contamis cal manner. It is a law of nature that there Thirdly-One office of both the lungs and habited for a certain period after their com- stances. The vegetables, when eaten and stock is subjected. Attacking a single animal, the skin is that of generating heat. Now, the pletion; and our medical brethren should digested in the stomach of an animal, add to it sometimes spreads to the whole herd, occamore we are in the open air, the greater the caution those within their influence of the the size and strength of the material organs sioning great loss, inconvenience and trouble amount of heat generated in the organs. But dangers to which families are exposed by his of that animal. On the other hand, these to the owner, and much suffering to the poor

Boston, says the skins of raisins are utterly If it is necessary to lay up vegetable matter yard; this collects between the claws and ceptible do we become to those effects of sud-indigestible. A child recently died in Bos- and feed it out to animals, in order to increase den changes which so often result in colds and ton from convulsions produced by eating their growth and strength, it is also necessary stinate and sometimes fatal disease is geneother diseases of the lungs and of the rest of raisins. Dr. Dewees mentions the death of to lay up animal matter and feed it out to vege-rated, and it is legitimately in the farmer's three children from the same cause, and re-tables in order to increse their growth and work for March to prevent it. Keep the feet Namerous other reasons my be given why marks that " there is no stomach—unless it strength. The muscle and fat of animals are of your animals clean, and there will be little our enervated population, which is so constant- be that of the ostrich—that can master the easily applied in different forms, and are a danger of the disease. Its first appearance is ly suffering, directly or indirectly, should be skin of the raisin." "I recollect," he adds, very considerable portion of the dressing ap-generally between the claws in the form of a much in the open air. The great Creator has "some time since the death of a child in con- plied to crops-but bones not being eaten, crack; this is followed by inflamation and the not piled up this mixture of oxygen and nitro- vulsions, caused by eating bits of bark and land being more solid and indestructible, are discharge of a yellowish matter or pus. "Somegen forty or fifty miles to no purpose. It is shreds of wool, which it had picked up in not so much used, and, of course, comparatimes a little swelling appears on the coronet not improved by our admixtures of carbonic creeping round the room on the carpet. tively little pains are taken to save, prepare, between the hair and hoof, which discharges acid gas, sulphurious acid gas, carburetted Dried fruit, bark, cork, or wool from the car- and use them for dressing or manure. Yet offensive matter." Foul in the foot is a most hydrogen gas, sulphureted hydrogen, or any pet or blankets, or any indigestible substant they contain elements necessary to form vege- serious disease, and demands immediate atother gases except the usual proportion of ces, in small quantities, cause much suffer tables, and are valuable when used as a manure. tention when the first symptoms are discoveroxygen and nitrogen. It is not improved by ing; and, in considerable quantities, are al- They are ground to powder and used in this ed. Attacked in March, oxen are sometimes the putrid or semi-putred particles which are most certain, by obstructing the passage of way. In the form of bone dust, you get the rendered unfit for any spring work, and cows

ves to go to a fire, or hardly sit in a fire room fire is very injurious to the eyes, particularly however, an expensive mill to grind them, and off. It may all be prevented by care and cleanfor the whole winter. Cardinal Cheveurs a coal fire. The stimulus of light and heat of course every farmer cannot procure them liness. used no artificial heat in his rooms-not even united soon destroy the eyes. Looking at easily in that shape. Hence, resourse has rend yet who ever saw him effect- molten iron will soon destroy the sight. Read- cently been had to the chemical process, ed by a cold?—Others there are who never ing in the twilight is injurious to the eyes, which every farmer can perform himself, on suffer themselves to remain in hot rooms, or a- as then they are obliged to make great exer- a little or a large scale, as he pleases. has been-I might almost say now is-when ed to an equal degree of light. The reason ing this: most exposed cannot contract itself sufficient- them, &c. should preserve their general health by cor- ing them, they may still be used with profit. bodies apparently the most solid, is very won-rect habits and give their eyes just work

> of drink, and increasing when necessary, the and tender by the action of the acid. quantity of meat usually consumed.

THE TOOTHACHE .- "L'Union Medicale," the success of a new remedy against the toothwere squeezed flat in a dydraulic press, seven ache. It consists in the application of a piece ammoniacal manures less volatile, by changand a half stone of water would run out, and of cotton dipped in collodion to the cavity of ing the carbonate of ammonia contained in only two and a half of dry residue remain. the toooth, to the shape of which it adapts it- them to sulphate and phosphate of ammonia." A man is, chemically speaking, forty-five self, while soft, and when it becomes hardennot liable to be affected by any liquid taken

The Farm.

Modes of Using Bones as a Manure.

nating the air. Houses ought not to be in-shall be a reciprocal action between these subsame animal matters, when dissolved in the animals themselves. The disease is undoubtearth and taken into the vegetable system, edly occasioned by the animal travelling A HINT TO PARENTS, -Dr. Dewees, of add to the size and strength of the vegetable. through the mud, urine, and manure of the exhaled from animal or vegetable bodies, the bowels, to produce convulsions and death." animal (such as the gelatine and fat,) mingled shrink rapidly in milk and flesh. If not checkwith the mineral, such as the carbonate of ed early, the foot becomes greatly swollen, in-I have seen men who did not suffer themsel- Care or THE EYES .- Looking into the lime and the phosphate of lime. It requires, tensely sore, and the hoof in bad cases drops

Fill a hogshead, standing on its end with the upper head removed, half full of water; CURE FOR CORPULENCY .- At a meeting of acid, stirring the water while pouring in the sap in large cast-iron kettles. Sheet-iron is the French Academy of Sciences in Paris, acid—the mixture will be found to rise in much cheaper, needs far less fuel, does not Dec. 15, 1851, among other papers received, temperature almost to the boiling point; fill crust nor burn round the top, and is decidedly was one from M. Dancel, on the development the hogshead full of bones, and in a week the favorable to very clean sugar. A simple mode of fat in animals. It conveys the result of fluid super-phosphate of lime may be drawn of making sheet-iron pans is described in the his observations on the human species. Ex- from the bottom of the cask for use. The Ohio Cultivator-the pans being four or five cessive corpulency is relieved by an almost undissolved portion of the bones may then be feet by two and a half, nine inches deep, the one pound of water to every four pounds of total abstinence from vegetables, and feculent taken out of the cask and readily broken by bottom and ends one strip of good sheet-iron, substances, and by diminishing the quantity an axe or hammer, as they will become brittle and the sides one and a half inch plank. The

add to composts, or to render guano and other from the plank sides.

Sausage Meat.

and a quarter pints of water a day, and a lt is found by calculation that at 228 yards we clip from a contemporary. They were works, freely scattered in woods, will augment written by a Mr. Croasdale, who is said to be plant exhales, in one hundred and seventy at 347 yards one-fourth, and at 546 one-fifth. fully competent to discourse on the subject, their productiveness one hundred per cent.

two days, about one hundred thousand grains. The American papers recently noticed the and who tells us what he has learned from ex-

"My mode of seasoning sausage meat, for The first thing to be done, in order to break ten tons of water per day. The sap of plants Whereupon Dr. Addington, of Richmond, twenty years, has been as follows: For one the habit of taking cold-a habit which most is the medium through which this mass of Va., says he never fails to stop the bleeding hundred pounds of meat, one and a half pound persons acquire very early-is to live much in fluid is conveyed. It forms a delicate pump, by packing the alveolus from which the blood of fine salt, six ounces of black pepper, powthe open air. It may be difficult to do so, but up which the watery particles run with the continues to trickle fully and firmly with cot-dered, and three aud a half ounces of sage. this does not render it less desirable, nor the rapidity of a swift stream. By the action of ton moistened in a strong solution of alum For market, or immediate use, a little more the sap, various properties may be communi-and water. He cured a brother physician in salt may be added. And now for preserving No rule can be laid down which will be cated to the growing plant .- Timber in France this way, whose jaws had bled for two weeks, them. Immediately after the meat is seasoned, make it up into small cakes, (say as large taking cold, unless the first or principal rule mixed with water, and poured over the root of A few cakes of the newly invented solidified as the top of a teacup,) and fry them in the is complied with. He who is abroad in the the tree. Dahlias are also colored by a simi- milk have found their way to this country, usual manner until nearly done or quite done The article resembles in color, consistency, I think best. Then have clean small earthen RECENT ERECTED Houses.—The London weight, and feel, cakes of pale yellow soap. or stone pots ready, and pack the cakes in as Medical Times directs attention to the cir- One pound grated into boiling water, will closely as possible till nearly full, pouring in who live on the battle ground between the cumstance of many diseases occurring in con-make several gallons of good wilk. It is the fat that comes out in frying them-thensequence of newly built houses being too warranted to keep any number of years. Price, put a weight on sufficient to keep them down until cold. If there is not enough fat fries out to cover them, supply the deficit with clean melted lard. When they are perfectly cold, it is best to put a little more melted fard on, as there will sometimes be cracks made If our readers are not already tired of vick. in cooling; put a paper over them and set contains more oxygen than when inhaled from cently taken newly built houses, came under ing bones, by way of agricultural repast, we them in a dry cool place, and they will keep other places. But the greater and absolute his superintendence, which he considered would like to invite them to one more dish of from New Years till after the next harvest, as good aswhen put up, or very nearly so. They lungs are, and the more efficient they become damp walls and floors and the fresh paint. Bones, muscle, and fat, are all made by will keep, Isuppose, as well in large pots as small The same may be said of the skin, which is We believe that newly built houses, when too feeding to man and beast the products of the ones, until they are opened. It is only necesalways a handmaid to the lungs. The more quickly occupied, exert a very baneful influ-earth. The great object of cultivation is the sary to warm them up for use. Try it. There

> FOUL IN THE FOOT IN CATTLE. - This is one of the worst diseases to which our neat gathers about the foot and leg until this ob-

Sowing SEED.—Farmers, as well as other people, like to make good bargains, and we like to have them, especially when they buy a year's pabove all, near the fire. I have, for twenty tion. Reading or sewing with a side light is in- Professor Mapes, Editor of the Working per of us and pay for it in advance. But that is years, avoided them when I could. The time purious to the eyes, as both should be expos- Farmer, gives the following directions for do- not the bargain we are going to write about. It is the sowing of grass seed. If you would make L could say to a friend, I have not gone to a is, the sympathy between the eyes is so great "Since the value of bones as manure has a good bargain with mother earth, give her a plenfire of stove to warm my feet in five years, that if the pupil of one is dilated by being become more generally understood, we have and cheat your earth, and are guilty of double diskept partially in the shade, the one that is daily applications for methods for dissolving honesty. If you undertake to save five dollars in seed, you will lose twenty dollars in hay and pasly for protection, and will ultimately be injur-ed. These who wish to preserve their sight prices and no convenience at hand for grind- you shall gather bountifully, and make a good bargain .- Vt. Watchman.

> MAKING MAPLE SUGAR .- It is surprising throw into this one-third the bulk of sulphuric how very general the practice is of boiling the edges of the iron are punched with holes an Add acid and water as before; throw in inch apart, in a zig-zag line, a strip of slipperythe broken bones and fill up the cask with elm bark placed between the iron and plank whole bones. In this way a supply of super- when nailed on, and the whole then placed on a medical Review of New Orleans, mentions phosphate of lime may always be on hand to a brick "arch," which entirely keeps the fire

> > TREES .- While we are cutting down our noble trees with a rapidity which posterity will deplore, a French chemist has been experimenting for five years to ascertain whether Our lady friends will thank us for the fol. it will pay to stimulate the growth of trees by lowing directions about sausage meat, which manuring them. It appears from his experi-

> > > helical (Calculation)