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Washington, and consisting of 85 pages,) will assist Eighth Graders to

pass the State examination. It contains seventeen full sets of State

questions used during the past seven years. Teachers and pupils should

EACH have a copy for review work before taking examination. These

booklets are for sale by County Superintendent Fike at his office, or will

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Fresh from the lecture on politeness the street car conductor went on duty resolved to extend courtesy to From the car barns up to 99th street he put his resolution into effect. He assisted the feeble and heavy-laden, he smiled serenely under unmerited abuse and he hurried no one unduly. At 98th street he no ticed that a woman in the middle seat was preparing to leave the car at the ductor had been pleased with the way the woman smiled upon the child, so he hurried forward to help.

The woman stepped down first and the conductor, with one sweep of his arm, set the child down beside her. His signal to go on was followed by a scream, then another and another. "Boo hoo," howled the boy, and "My child! Bring my child back here," cried a woman in the car. Half a block further along the car stopped.

"He isn't mine," gasped the woman and suck out the juices. These are when she and the boy had caught up the sucking insects. with the car. "I only just smiled at him."-New York Sun. ample of the first class of insects, for

Do It Now. I expect to pass through this world but once. Any good thing therefore that I can do, or any kindness that I can show to any fellow creature let me do it now. Let me not defer or neglect it, for I shall not pass this way again.-Edward Courtney.

Well Guessed.

"Tommy," said the teacher, "how do they ascertain the measurement of a "I guess they measure it with a navy yard," was the unexpect-

Quills and Their Uses. Quills are things that are sometimes taken from the pinions of one goose to spread the opinions of another.

Truth Eternal. Truth, like genuine gold, will always bear the touchstone, and appear the brighter the more it is examined.



SAVES POULTRY LOSS.

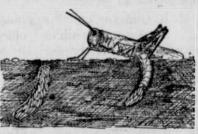
Mrs. N. Warren, Seattle, Wash., writes: "My flock of chickens had Roup and upor dvice of a friend I tried Mustang Liniment find it a wonderful remedy and my bird the cot affect of the first and my birds it find it a wonderful remedy and my birds are improving fast. Am sure that I shall tot lose any. I am very grateful and will sell my friends it is not safe to be without dexican Mustang Liniment."

yet on. Paris green may also be applied in water, which we believe is a better method than the dry one for most plants. Quick lime is added to prevent burning of the foliage and the

> 1 pound of Paris green, 200 to 300 gallons of water,

poison is used in the following pro-

3 pounds quick lime. Slake this lime in a little water and idd the Paris green. Stir thoroughly



Way the Female Grasshopper Places Her Eggs.

and then add the proper amount of water-for potatoes 200 gallons of water, and for peaches 300 gallons.

Arsenate of lead is a combination of arsenic and acetate of lead and is better than Paris green, because it sticks to the foliage better, will not burn the leaves, and remains in suspension longer. It can be made as follows:

11 ounces acetate of lead (white sugar of lead), 4 ounces arsenate of soda, 50 gallons water.

Dissolve the acetate of lead in 4 quarts of water and the arsenate of ed.

### METHODS FOR ERADICATING INJURIOUS BITING INSECTS

Constant and Concerted Warfare Must be Made Against Little Pests - Arsenate of Lead May be Purchased Ready Prepared and Is Quite Convenient to Use - Other Recipes.

(By GLENN W. HERRICK, Mississippi.) | soda in 2 quarts of water. Pour There are many kinds of insects them together, mix thoroughly and that pester the farmer and fruit growthen dilute with 50 gallons of water. er and all of them, taken together, It is then ready to use at once. may be divided into two great groups Arsenate of lead can be bought dependent upon the kind of mouth ready prepared and is very conveniparts they have and the manner in ent to use. It should be used at the

which they attack plants. The in-

The grasshopper is a familiar ex-

it has biting mouth parts, composed

of two pairs of jaws, one of which

is hard and black and easily seen with

the eye. With these jaws the grass-

hopper bites off pieces of leaves.

stems, etc., and swallows them much

as a cow or horse would do. Very

many insect pests have biting mouth

parts like the grasshopper and eat

parts of plants. For example, the

caterpillars, or "worms," on cotton,

tomatoes, cabbage, etc., the June bugs,

fig-eaters, potato bugs, etc. All such

insects are known as the biting in-

It is plain that an insect that bites

off pieces of leaves and swallows

them stands a relatively high chance

of being killed by putting some pois-

onous substance upon the leaves be-

fore they are eaten. It is absolutely

necessary to know what kind of an

insect is causing the injury-whether

it is a biting or sucking insect. This

Probably Paris green is one of the

It is rather expensive, difficult to

best known poisons for biting insects.

buy unadulterated and is quite liable

to burn the foliage of plants if applied

It can be applied dry as follows:

25 pounds of slaked lime or flour.

The two should be thoroughly

mixed and may be sifted on the

plants from a thin muslin sack, prefer-

ably in the morning while the dew is

I pound of Paris green,

is the first point to determine.

too strong.

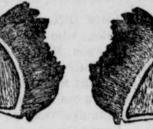
sects of one group have jaws and bite of lead to 100 gallons of water. off bits of plants and swallow them. White arsenic is cheap, easy to get, They are known as the biting insects. and is not often adulterated. There The members of the second group fore, when it is combined with lime have a bill or sucking tube which or sal soda to prevent burning of the they insert into the tissues of plants foliage, it is a most satisfactory in-

secticide. It may be prepared as follows: 1 pound white arsenic.

rate of 4 to 6 pounds of the arsenate

4 pounds quick lime. 4 gallons water.

Boil the lime and arsenic together in the water for half an hour and then



The Biting Jaws of a Grasshopper.

dilute with 200 gallons of water for spraying.

Arsenate of lime may also be prepared by boiling two pounds of white arsenic and eight pounds of sal soda in two gallons of water for 15 or 20 minutes, or until the arsenic and soda are dissolved. This constitutes a stock solution which may be kept in a sealed jug for a long time. When ready to spray, slake two pounds of quick lime, take one pint of the stock solution and mix them both with 40 gallons of water.

#### SEASON WOOD BY ELECTRICITY

Method as Pursued in France Described in British Technical Paper-Does Work Well.

The following item from a British technical paper concerns a new process of seasoning wood by electricity

in France: A large tank is filled with a solution containing 10 per cent. of borax and 5 per cent. of resin, with just a trace of carbonate of soda. In the bottom of the tank is a lead plate which is electrically connected to the positive pole of the dynamo. The timber to be treated is stacked on this plate, and when the tank has been filled another plate is superimposed and connected to the negative pole of the dynamo. When the current is switched on it passes through the stack of wood between the two plates, and in its passage it is said to deposit borax and cured at the packing houses and used resin in its place, completely filling up for setting the colors of printed faball pores and interstices. When the rics. Ashes from the hickory and process is completed the timber is re- cobs used in smoking meats are used moved and dried, after which it is for fertilizer. Certain hard bone is ready for use. It is claimed that the ground up and used for case hardentimber submitted to this treatment, no ing steel. In this process the steel matter how green it may be, becomes

Protect the Silo.

completely seasoned.

Wherever possible the silo should be located in a sheltered place, as it has a great bearing on the extent to which the silage will freeze. A silo that is built on the west side of a barn, where it is exposed to the coldest winds, even if it is built with dead air spaces, will freeze more than one built of solid concrere if it is shelter-

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Middle Course Difficult. To see the good nowhere-that is pessimism, and this is easy. To see the good everywhere—that is optimism, and this is not difficult. But to find the good somewhere—that is sobriety, and this is in no wise easy. -Ivan Panin.

Was in the Tolls.

"Gee! Now tell me as man to man what you would do if you were married to that woman." "You tell me what you would do; I am married to her."-Houston Post.

#### FACTS ABOUT BLUING.

Since the placing of RED CROSS BALL BLUE on the market there has been a rapid falling off in the sales of all liquid bluing. Why buy water containing a small percentage of bluing when you can get a solid package and dissolve it as needed. Makes clothes whiter, lasts longer, and is cheaper. Large package, 10 -- ats. ASK YOUR GROCER.

Circumiocution.

"I am inclined to think," said the man who speaks with firmness though with caution, "that our friend Mr. Grafton Grabb was created on Sabbath."

"For what reason?"

"We are told that an honest man is the noblest work of the Creator, and also that on the seventh day the Creator rested."

Always Friendship.

In the hour of distress and misery the eye of every mortal turns to friendship; in the hour of gladness and conviviality, what is our want? It is friendship.-Walter Savage Landor.

Do you ever have Headache, Toothache, or Earache? Most people do. Hamlins Wizard Oil is the best household remedy and liniment for these everyday troubles.

Valuable By-Products. Albumen is made from blood implement is heated while immersed in the powdered bone. Glue is made from the hoofs and sinews, of animals.

Pettits Eve Salve SORE EYES

Necessary Change. Rev. Mr. Hollers-"Mistah Johnsing, what foh you call dat son of yoh's Izaak Walton, when he was baptized George Washington?" Mr. Johnson-"Because, sah, dat rascal's reputashun for verac'ty made dat change imper'tive."-Christian Register.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Selfish Interest.

"You seem to be developing a great interest in conservation." "I am," replied Mr. Cumrox. "If they keep cutting down the trees, there won't be any woods for me to take to when mother and the girls get up these rounds of social gayety."

### A Cough Medicine Ayer's Cherry Pectoral is a

regular cough medicine, a strong medicine, a doctor's medicine. Good for easy coughs, hard coughs, desperate coughs. If your doctor endorses it for your case, take it. If not, don't take it. Never go contrary to his advice.

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The dose of Ayer's Pills is small, only one at bedtime. As a rule, laxative doses are better than cathartic doses. For constipation, biliousness, dyspepsia, sick-headaches, they cannot be excelled. Ask your doctor about this. -Made by the J. C. Ayer Co., Lowell, Mass.

Fixing Prices of Diamonds. The prices of polished diamonds are controlled by prices of the rough stones and are really made in London.

No Credit to Him. "I don't believe he ever deceived anybody but himself." "Well, that's probably because he has found himself so easy."

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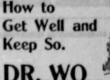




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#### Dumas's Melon Contract. Alexandre Dumas, pere, was ex-

tremely fond of melons, and an autograph letter of his has just come into the possession of the library of the town of Carpentras by legacy which proves the fact. It is perhaps one of the strangest contracts ever made by man of letters. The letter is addressed to M. Seguin, the deputymaire of Cavaillon in the Caucluse in August, 1864, by the author of "Les Trois Mousquetaires," who was then living at St. Gratien, near Enghein. He says: "On receipt of your letter I have immediately arranged with my publisher, M. Michael Levy, for him to send you the two or three hundred volumes which have already appeared of my works, and that in the future as they appear he will send you the others, and I am very pleased to be able to reply to the great honor which you do me. But please have the goodness to tell your honorable maire, M. Tourel, that I impose one condition. If the town and the authorities of Cavaillon like my books, I like their melons, and I desire that in exchange of my three or four hundred volumes there shall be constituted for me, by 'municipal decree,' a yearly income of twelve melons per year. The cost of pense." Need one add that the contract was faithfully kept on both

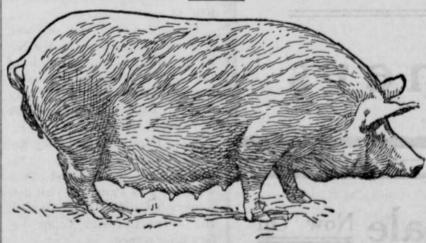
sides? Putting It Gently. He-What do you consider is a nice

She-Yours, dear! Short but Active Liver.

name for a girl?

The working bee lives six months, he drone four months and the queen bee four years,

## TAMWORTH ADAPTED TO BACON



lar in the United States as it de- shoulder, its length of side and a tenserves. A few pigs of this breed dency to produce a greater portion of were brought over from England lean meat than many other breeds. about 30 years ago, but until the last carriage will naturally be at my ex- three or four years it was not regarded favorably.

The appearance of the Tamworth is somewhat against it. Its rather long head does not impress farmers favorably, and there is a general belief that it costs more to bring a Tamworth to maturity than almost any other type. Experiments show, however, that this claim is based mainly on prejudice, for the Tamworth in Canada has proven itself to be an

excellent and economical feeder. This breed is especially well adapt- tribe

The Tamworth hog is not as popu- | ed to bacon, because of its light

When the Tamworth is crossed on breeds of more fattening tendencies, and with finer bone, say the Berkshire, it makes an excellent bacon hog. It is claimed by some breeders that the Tamworth is the best bacon hog in existence, but this may be take en with a grain of salt.

Damage by Rats.

The rat family came over to this country in the Mayflower, and it now costs the people of the United States \$100,000,000 a year to feed the