

menting, he turned out a most wonderful implement. It was over twelve feet long, built of wood, with an iron point, and required four yokes of oxen to pull it. It turned a furrow eighteen inches wide, twelve inches deep, which resembled the irrigation ditches of today. This did not last long, however, and was never used outside of Massachusetts.

To do good work the plow must scour well;

for stubble or well-tilled ground the plow with short, steep mold board is better. The breaking plow turns the sod over evenly, and covers all

Upon the shape of the plow also depends the draft. A plow unsuited to the soil on which it is used will cause a much greater draft than is necessary, wearing out the strength of the team extent the facility with which he can cultivate his crop, and, in fact, its yield.

The question of deep or shallow plowing is one which must be studied by every man, and adapted to the needs of his soil and his crop.

Deeply plowed soil contains moisture longer, affords better home for fertilizer and all kinds of plant food, is more easily cultivated, and is always to be desired.

night the doctor found his patient in electric companies install the conneca very bad way. "My dear sir," he said slowly, "I tion and require a yearly minimum astounded recently by the news that

have been attending you for nin Press.

Painful Truth.

line at one point and retailing it Miss Singwell had been a member among themselves. In other commuof the choral society ever since it nities individual farmers find it de-After a hurried rush through the sirable to pay for lines directly from had been in existence, and it was unthe power plant to the farm. Other doubtedly true that her first youth bad waned, but the choirmaster was the had resigned

growth so that it rots and forms humus in the soil

CHATS WITH THE AMBITIOUS FOLK

By ORISON SWETT MARDEN.

NEVER TOO LATE FOR SELF-IM-PROVEMENT.

A New York millionaire-a prince among merchants-took me over his every room of which was a triumph and of the upholsterer's art. I was told that the decorations of a single the walls were paintings which cost fabulous prices, and about the rooms were pieces of massive and costly furniture and draperies representing a small fortune, and covering the floors were carpets on which it seemed almost sacrilege to tread. He had expended a fortune for physical pleasure, comfort, luxury and display, but there was scarcely a book in the house.

It was pitiful to think of the physical surfeit and mental starvation of the children of such a home as that. He told me that he came to the city a poor boy, with all his worldly possessions done up in a little red bandana. "I am a millionaire," he said, "but I want to tell you that I would

give half I have today for a decent education.' One of the sad things about the

neglected opportunities for self-improvement is that they put people of great natural ability at a disadvantage among those who are their mental inferiors.

I know a pitiable case of a born naturalist whose education was so neglected in youth that later, when he came to know more about natural history than almost any man of his day, he could not write a grammatical sentence, and could never make his ideas live in words, perpetuate them in books, because of his ignorance of even the rudiments of an education. Think of the suffering of this splendid man, who was conscious of pos-

sessing colossal scientific knowledge and yet was absolutely unable to express himself grammatically! It is difficult to conceive of a greater misfortune than always to be embarrassed and handicapped just because of the neglect of early years.

Many a girl of good natural ability spends her most productive years as a cheap clerk or in a mediocre position because she never thought it worth

Few Members of Big Gatherings Act and Think as They Would Do as Individuals.

The most striking peculiarity preact were he in a state of isolation. singly. There are certain ideas and feelings sented by a phychological crowd, according to Gustav Le Bou, is the following: Whoever be the individuals not transform themselves into acts characteristics, just as in chemistry ute. If you're bound to do it, won't that compose it, however like or uning a crowd. like be their mode of life, their occu-

pations, their character or their in-The psychological crowd is a protelligence, the fact that they have visional being formed of heterogene- sessing properties quite different from and every little helps.

sources have been held down all their tion! It is not enough to be able to lives because of neglected tasks in take dictation when ordinary letters youth, which at the time were dis- are given, not enough to do the ordimissed with a careless "I don't think | nary routine of office work. The amit worth while." They did not think bitious stenographer must be preit would pay to go to the bottom of pared for the unusual word or exprespalatial residence on Fifth avenue, any study at school, to learn to keep sion, must have good reserves of accounts accurately, or fit themselves knowledge to draw from in case of of the architect's, of the decorator's, to do anything in such a way as to emergency. If she is constantly slipbe able to make a living by it. They ping up on her grammar, or is all at expected to marry, and never pre- sea the moment she steps out of her sleeping room had cost \$10,000. On pared for being dependentent on ordinary routine, her employer knows themselves-a contingency against that her preparation is shallow, that which marriage, in many instances, is her education is limited, and her prosno safeguard.

or to take advantage of opportunities

pects will be limited also. The number of perpetual clerks is constantly being recruited by those mon among young men and young selves so late in life. Of course it is. women in factories, stores and of- There are so many good correspond-

Everywhere we go we see men and women, especially from twenty-five to who did not think it worth while as forty years of age, who are cramped boys to learn to write a good hand and seriously handicapped by the lack or to master the fundamental of early training. I often receive letbranches of knowledge requisite in a ters from such people, asking if it is business career. The ignorance com- possible for them to educate them-

fices, everywhere, in fact, in this land ence schools today, and institutions of opportunity where youth should be like Chautauqua, so many evening

while to develop her mental faculties | well educated, is a pitiable thing. schools, lectures, books, libraries and How often stenographers are mortiperiodicals, that men and women who within reach to fit herself for a su- fied by the use of some unfamiliar are determined to improve themselves perior position. Thousands of girls word or term, or quotation, because have abundant opportunities to do so. unexpectedly thrown on their own re- of the shallowness of their prepara-One trouble with people who are

smarting under the consciousness of deficient education is that they do not realize the immense value of utilizing spare minutes. Like many boys who will not save their pennies and small change because they cannot see how a fortune could ever grow by the saving, they cannot see how a little studying here and there each day will ever amount to a good substitute for a college education.

People who feel their lack of education, and who can afford the outlay, can make wonderful strides in a year by putting themselves under good tutors, who will direct their reading and study along different lines.

There is one special advantage in self-education-you can adapt the studies to your own particular needs better than you could in school or college, Everyone who reaches middle life without an education should first read and study along the line of his own vocation, and then broaden himself as much as possible by reading on other lines.

Every well-ordered household ought to protect the time of those who desire to study at home. At a fixed hour every evening during the long winter there should be by common consent a quiet period for mental concentration, for what is worth while in mental discipline, a quiet hour uninterrupted by the thief callers. There is a divine hunger in every normal being for self-expansion, a yearning for growth or enlargement. Beware of selling this craving of nature for self-unfoldment. There is untold wealth locked up in the long winter evenings and odd moments ahead of A great opportunity confronts you. What will you do with it? you. (Copyright, 1915, by the McClure Newspa-per Syndicate.)

No Longer Room at the Top.

Prof. Scott Nearing says the motto, there is plenty of room at the top" is no longer true in this country on account of the fact that in every great industry only three of every one thousand employees have a chance to rise to the top. The professor's statement is no doubt literally correct, but he will probably not deny that the motto still applies to those spheres of activity which cannot be considered under the head of industry .- Washington Herald.

Needed It.

What are you doing with that pistol?

Theatrical Manager-Hi, there!

EXPLANATION OF THE CROWD | been transformed into a crowd puts | ous elements which for a moment are | those of the bodies that have served them in possession of a sort of col- combined exactly as the cells which to form it.

lective mind which makes them feel, constitute a living body form by their think and act in a manner quite dif- reunion a new being which displays ferent from that in which each indi- characteristics very different from vidual of them would feel, think and those possessed by each of the cells

Discouraged Lover-Going to kill What really takes place is a combi- myself. Theatrical Manager-Hold on a minwhich do not come into being or do nation followed by the creation of new except in the case of individuals form- certain elements, when brought into you be good enough to leave a note contact- bases and acids, for example | saying you did it for love of Miss Star, -combine to form a new body pos- our leading lady? It's a dull season,

weeks and have done my best, but | in the line extension. I'm afraid that your end is near. Have you any last wish to express? The patient drew a long breath. "Yes," he replied, in a faint voice, "I wish I had had another doctor."

had ever seen anybody shut her up,"

He Still Had Hope,

was the cool reply.

Help Wanted. "Why didn't you hire that office

boy? He looked like a hustler." "He told me he didn't know the batting averages of all the major league players.' "Pshaw! Neither do you." "That's just my point. I've got to

have an authority in the office I can refer to occasionally."

Firm Basis, "Let us cement our friendship." "Then we had better do it by taking ome concrete action."

The population of the regency of Something on the Rest of 'Em Tunis is now about 2,000,000, of whom "Why her superior airs?" 200,000 are foreigners, chiefly Italians, "She was a passenger on a ship that was chased by a submarine." French and Maltese.

proportionate to "Resigned!" he gasped. "But what-

nearest cross-country transmission

Dangerous Game. "Why did the police break up the children's game over there?" "Please, your wushup, they's was playin' 'I spy." She Heard Anyway. "Do you tell your wife everything you do while she is away?" "No; the neighbors attend to that." Women With Tact. Some women have a sense of hu- mor, while others have tact and laugh at their husband's jokes.	ever for?" "Well, I don't know exactly," said the secretary, "but it strikes mo that it may have something to do with the solo we picked for her at the next performance." "Why? What is it?" "Don't you remember? It begins, 'I once was young, but now am old." Just What She Wants. Church—How is the table up where your wife is boarding in the country? Gotham—Very, very poor. "And she remains there?" "Oh, yes; she's trying to reduce her weight."
And in case of the local division of the loc	And and a second s

Anyway, the man who looks into the When He Asked Father. barrel of a gun to see whether it is The Dear Girl-Well, did you sucloaded hasn't enough sense to keep ceed in making papa toe the mark? The Young Man (sadly)-Yes, but I was the mark.

> Even in being wedded to his art, many a man marries in haste and repents at leisure.

Start Children to School Right

him from committing bigamy.

After the vacation rest, school children should guickly settle down to the task of learning. Do your part

Parental responsibility does not end by sending them to school. The child must be equipped with mind and body at their best.

And here the right food plays a most important part.

Growing children need energy; the right kind and lots of it. And energy comes from well-nourished nerves and brain.

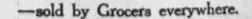
Grape-Nuts

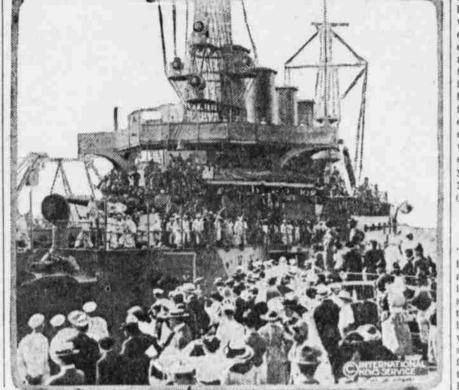
-a food made from wheat and barley, contains the vital mineral salts-Phosphate of Potash, etc. (grown in the grains) which directly act with other food values to build up body, brain and nerves.

Statistics prove that much of the "backwardness" of some children is due to faulty nourishment.

A morning dish of Grape-Nuts and cream is good alike for the bright scholar and the backward pupil. The latter needs the nutrition; the former will progress in sounder physical and mental health because of it.

"There's a Reason" for Grape-Nuts





U. S. BATTLESHIP READY FOR SEA