The home Gircle.

Jack looked puzzled for a moment.

this little note pinned to it:

closed is the evidence of my grattane. Take it and be happy. Sincerely. -----

Keeping Boys on the Farm.

their dislike. I have often taken an

This a pleasant little incident and

Conducted by Mrs. Harriot T. Clarke.

Falling Leaves.

They are falling, slowly falling, Thick upon the forest side -Severed from the noble branches Where they waved in beautions pride They are falling in the valleys Where the early violets spring. And the birds in sunny springtime First their duleet music ring.

They are falling, sadly falling. Close beside our cottage door-Pale and faded, like the loved ones That have gone forever more. They are falling, and the sunbeams Shine in beauty soft around; Yet the faded leaves are falling-Falling on the grassy mound.

They are falling on the streamlet Where the silvery waters flow, And upon its placid bosom Onward with the waters go. They are falling in the churchyard Where our kindred sweetly sleep-Where the idle winds of summer Softly o'er the loved ones sweep.

They are falling, ever falling, When the autumn breezes sigh— When the stars in beauty glisten Bright upon the midnight sky. They are falling when the tempest Moans like Ocean's hollow roar— When the tuneless winds and billows Sally sich forware more Sadly sigh forever more.

They are falling, they are falling, While our saddened thoughts still go To the sunny days of childhood, In the dreamy long ago. And their faded hues remind us Of the blighted hopes and dreams-Faded like the falling leaflets Cast upon the icy streams.

ONLY.

Only a seed; but it chanced to fall And, taking root, grew bravely up Till a tiny blossom crowned its top

Only a flower; but it chanced that day That a burdened heart passed by the way; And the message that through the flower was

Brought the weary soul a sweet content;

For it spake of the lilies so gaily clad, And the vexed heart grew strangely glad At the thought of a tender care over all That noted even a sparrow's fall.

Only a thought; but the work it wrought Can never by tongue or pen be taught: For it ran through a life like a thread of gold, And the life bore fruit a hundred-fold. Only a word; but 'twas spoken in love, With a whispered prayer to the Lord above; And the angels in heaven rejoiced once more, For a new-born soul entered in by "the Door.

A Story of the Bonanzas.

How Jack Loaned Jim \$5 to buy 100 shares of Sierra Nevada-And what came of it.

[From the San Francisco Stock Report.] Here is a bright little oasis in the desert of selfishness that stretch its dreary waste over about everything in these days. It gives us pleasure to allude to it, it is so bright and fresh and original. In a certain big wholesale house down in Front street there is a young man employed, who by dint of hard work and rather frugal habits had managed to save up some \$200 from his meagre salary. An acquaintance of his-a man in mining circles-said to him one day, about three months ago, "Jim, if you want to make something scrape some money together and buy a hundred shares of Sierra Nevada; it will go up, maybe, one of these days, and you can get something pretty nice out of it." The young man smiled at first—he had had points before-but the more he thought over it the more he was taken with the idea. He knew his informant was in a position to know something about Sierra Nevada and get early information, and as he had never before advised him to buy stocks it impressed him more and more strongly that there was something in it. But he only had \$200, and his inform- He'en's Hall, in Portland, is received. We can ant told him to buy a hundred shares. not speak too highly of this very excellent The stock was then pegging along at school for girls, Parents who live at a disabout \$4 a share. To get a hundred tance may safely trust their daughters to this

WILLAMETTE FARMER.

Christmas Week.

"Yes, by Jove I believe you do! Gad, In old Kentucky, in the time of slave-I'd have forgotten all about it if you ry days, Christmas week was a long The following rules are worthy of being hadn't spoken." "Well," said the succession of mercy-making: of wedprinted in latters of gold, and placed in a conlacky one, "I've come down to pay it dings and "storms" (as impromptu or spicnous place in every household: 1. From your children's earliest infancy, inand apologize for not doing it before. surprise parties were called), of large ulcate the necessity of instant obedience. I've been sort of hard pressed of late. parties and small, among both masters But here it is with many thanks." and slaves. The negroes were free, from And handing the young man an en- Christmas eve till the day after New

own what you say, velope he hurried from the store. Year's. They generally cooked the ne-Jack was busy at the time, and, sup- cessary meals for their masters, but did posing a five-dollar gold note to be in no extra work, and the hired hands gen- say.

the envelope, crammed it it into his erally returned to the old home planta-4. If you tell a little child to do something, vest pocket and went on with his tion, and enjoyed a regular good time .-show him how to do it, and see that it is donwork. He never thought of it again Christmas gifts were exchanged by al-5. Always punish your children for willuntil that night, disrobing for bed, most every one. The slaves usually re- fully disobeying you, but never punish then a corner of the envelope peeping from ceived some of the cast-off finery of their in anger.

his pocket attracted his attention. It masters or mistresses, with which they 6. Never let them perceive that they ver occurred to him what it was and he bedecked themselves, and paraded the you, or make you lose your self-command. opened it, when to his utter amaze. streets, visited their friends, or attended 7. If they give way to petulance or ill temment he found a check for \$2,500 with 'candy pullings.' 'hoe-downs,' or highper, wait till they are calm, and then gently toned dress parties. We remember a reason with them on the impropriety of their

DEAR JACK: I return your \$5 with interest to date. Your readiness to oblige me aided me in buying 100 shares of Sierra Nevada at \$5, and I have just sold it for \$220. The en-closed dress parties. We remember a reason with sturday night during Christmas week. S. Reme It was the celebration of the marriage of a favorite dressing maid, belonging to a lady who boarded at the same hotel with us. The bride was a pretty girl, almost 9. Never S. Remember that a little present punishment when the occasion arises is much more effectual than the threatening of a greater punishment, should the fault be renewed.

9. Never give your children anything because they cry for it. white, and a- smart as anybody need

10. On no account allow them to do at one it has the merit of being true. The had just enough of the negro kink to wish. Her name was Zita. Her hair time what you have forbidden, under the same young gentleman is well known in make the most bewitching little glossy circumstances, at another. social circles and his modesty is the black curls that I ever saw. We (the 11. Teach them that the only sure and easy

only reason why we withhold his name. young ladies at the hotel) all made a pet way to appear good is to be good. 12. Accustom them to make their little re of Zits, and she made confidants of us,

citals with perfect truth. told us all about her beau, her dresses, Farming, when well conducted, is a and all the preparations for the wedding. 13. Never allow of tale-bearing.

14. Teach them self-denial, not self-indul good and pleasant business. If our sons hostler at the hotel where we boarded, ence of an angry and resentful spirit. -[Home Illustrated.

Rules for Home Education.

and daughters do not like it, there is and a very high-spirited and saucy young 'nigger' he was; and quite hand-Lucy Stone says that, although women have some, withal. We girls were a little interest in tracing out the reasons. afraid Zita was too good for him, but she not secured the ballot, they have in her time They are likely to dislike farming thought he was 'awful smart.' The vastly improved their condition. She rebecause they are not pleased with the wedding was to be in Aunt Chaney's to teach only small shildren in the summer way in which their parents have cabin, and, as Chaney was head cook at schools, when her pay for such was a dollar a managed it. In some cases the young the hotel, we were sure of a grand sup- week, and she was expected to board around. States, when an old man, descend from Palladium closely resembles platinum person has a decided inclination to per. My cousin Belle DeLong and my- Now women are professors in colleges, with his carriage and rearrange buckles and in its properties. An alloy of 20 per some other business. If you want to self curled Zita's hair, and helped to good salaries. In four States they vote on all straps about his horses when an acci- cent. of this metal and 80 per cent. of make your son like his business dress her, and a prettier head than hers, school matters. Teaching, sewing and keeping dent occurred, while the clumsy coach- gold is perfectly white, very hard and place him in responsible places, trust with its rows of short, black curls, about house were the only occupations regarded as man stood by in a kind of hopeless in not tarnished by exposure. This him, consult him about the work he as long as one's little finger, shining out suitable for women. Now the census records activity, not knowing the best thing to makes it admirably adapted for scales is to do. Let him do part of the from under the white flowers, and the seventy-one occupations that are open to wothinking. Give him nearly the sole delicate vall, I have never seen on any men. No woman was a public speaker out of care or responsibility of something on body's shoulder's. the Quaker church. Now all platforms are

the farm, the fowls, the pigs, come of Prince was dressed well and becomfree to them. The lyceum offers to the woman the stock, some of the crops, or the ingly, and conducted himself with grace lecture, the same open field that it does to garden or a part of it. Suppose he and dignity. The little cabin was crowd- man. The pulpit and the bar are both occudoes not do everything just as you ed. The negro children piled on to the pied by women. The woman physician did would; advise him. It is much bet- beds that lined the walls of the cabin, not exist. Now they have a successful prac- were a boy again; that is, I would go steel. As it costs considerably more ter that he should fail while he is yet and the 'white folks' stood at the doors tice in every large city and many of the smaller young and has time to learn under your training, than to not try or fail side. Zita had many friends at the ho-tal and windows, all who could not get in-towna. There was not a college in the world by vigor than sound rest when proper is the main the uses to applied are very limited. Ruthenium in everythe your training, than to not try or fail till he goes into business for himself. By treating children in this way they will take more interest in their work. will take more interest in their work, room. We had decorated it with flowers a married woman could own nothing that she us when we grow up. If we go to bed malleable metal; burns in the air with and be much more likely to succeed and greenery, and the merry, happy when they start for themselves. Do crowd soon filled it with pleasant talk not make slaves of your children. and laughter. After a deal of fun and carry on business, had no lawful right to her disease called insomnia, allowing it to metal. It is not very rare, but seems Too many of our most prominent congratulations the party went back to children, and could not even be their guar- be permanently fixed upon us, and to be of very little use. farmers-farmers who are called the the cabin and danced till twelve o'clock, most successful-send their children and then went home decently and in or-Now, in most of the States, all this is changed to work every day as they would send der. Pretty Zita lived on at the hotel or very much modified.

an ignoramus, without any "ifs" or with her mistress, and Prince went on "ands," or reasons for so doing. For with his work just the same for several want of proper training in this respect, months. During this time we moved to many a young man has grown up a house several blocks away. When the by rote, got a little mixed and gave inconvenient to do it. There is no high specific gravity of 9.4. without mental discipline. He has been summer came, one day Zita came rushable, without much help, in an in- lng in the back way, and threw herself credibly short space of time, to run down in a chair, threw her bonnet on through all that his strong minded the table, and burying her face in it, able fortunes for our children to waste, we are doing them a great injury. Better by far spend more of our time in giving them a proper discipline to in giving them a proper discipline to in giving them a proper discipline to manage well. Then, if they are had a great number of negroes, and A magazine writer says there is a or brains in my case were adequate to per cent. of steel, is of extreme hardhealthy, in most cases they need only Prince had grown so saucy, the hotcla little start to make them well off in keeper said that he could not get along the goods of this world .- Michigan with him. The fact was, the landlord heard of tolerably well authenticated his students in the lecture-room atter Uranium is a very heavy and hard drank too much, and, when in liquor, cases where a single auburn hair on a some chemical experiment. The lights but moderately malleable metal, rewould scold Prince, and order him around so unreasonably that he could than a guide board, and furnish the accident some small article dropped on rarity it would be of cousiderable use, not endure it, so he answered back .--material for a whole course of lectures.

FOR THE CHILDREN.

Only a Baby's Grave.

Only a haby's grave i Some foot or two at the most Of star-daisied sod, yet I think that God Knows what that litle grave cost.

Only a baby's grave !

To children even so small. That they sit there and sing so small a thing Seems scarcely a grave at all.

Or more strange, could we forget !

Did we measure grief by this, Few tears were shed on our baby dead, I know how they fell on this.

Only a baby's grave ! Will the little life be much

Yet often we come and sit By the little stone, and thank God to own We are nearer heaven for it !

A Word to Boys.

I think I would ask permission, if I vacations in the country, that I might learn the names of trees and flowers ing more common. and birds. We are, as a people, sadly ignorant of all accurate rural knowledge. We guess at many country out into wire, but has very little tenaclthings, but we are certain of very tew. ty. It is remarkable for its extreme barn, and learn how to harness a horse, it is acted upon by oxyges. tinker up a wagon, feed the animals, service to him in after-life as an exmembers when a woman was thought competent plorer or a traveler, when unlooked- cal use. farm in his boyhood, and so he was eral use. never at a loss for remedles on the Rhodium is a white, very hard and road when his carriage broke down.

to bed earlier than most boys do, than osmium, the uses to which it is earned; she could not make a will of anything early, we ripen; if we sit up late, we a crimson flame. she had; could not sue or be sued; could not decay; and soon or later we contract a Thallium is a very soft and malleable dian; nor had she the right to her own person. then we begin to decay, even in youth. grave.

the sacrament of matrimony?" The tice perseverance oftener, and never nor its compounds are of any practical poor child, who had learned her lesson give a thing up because it was hard or use, but its oxide is of interest for its the answer to another question, as trait more valuable than a determinafollows: "It is a state of torment into tion to persevere when the right thing usually obtained in the crystalline which some enter to prepare for an- is to be accomplished. We are all in- form. It can be produced also as a

The Barer Metals.

It is stated that four hundred ye ago but seven metals had been covered, while we are now acquaint with the existence of fifty-one, this of which, nearly three-fifths, have be made known to us since the beginning of the present century. The properti of the commoner metals are so gene ally known that a statement of the would be almost superfluous; but as w are always interested in what is strang and frequently of no practical use, v may give a brief account of the rare of these unfamiliar substances.

Balcium is a yellow, ductile an malleable metal, softer than gold. A a red heat it burns with a dazzling white light.

Erbium is a very rare metal at pres ent, and seems to resemble aluminium in its properties and compounds.

Glucinum is a white, malleable and moderately fusible metal, also resembling aluminium.

Iridium is a very hard, white, brit-tle and infusible metal. When pure it had happened to be born in a city, to is never acted upon by any acid. The have the opportunity of passing all my uses to which this metal can be applied seem to increase rapidly as it is becom-

Lithium is a metal resembling silver in color. It admits of being drawn A boy ought also to be at home in a lightness and the readiness with which

Molybdenum is a silvery white, britand do a hundred useful things, the tle and infusible metal. It never ocexperience of which may be of special curs native, and neither it nor its compounds seem to be of much practi-

for emergencies befall him. I have Osmium is chiefly remarkable for its seen an ex-President of the United high specific gravity and infusibility. be done. The ex-President told me he for astronomical instruments, but its had learned about such matters on a high price at present prevents its gen-

infusible metal. It is said that a small I would keep "better hours," if I quantity of rhodium greatly improves

Ruthenium in everything, except specific gravity, resembles iridium. It

Strontium is a yellowish, ductile and

Thorium is an extremely rare metal. Late hours are shadows from the remarkable for its property of taking fire below red heat and burning with A little girl was asked, "What is If I were a boy again, I would prac- great brilliancy. Neither the metal

Titanium is a very rare metal, un-

on a possible success if mortal strength ten per cent. of this metal and ninety

2. Unite firmness with gentleness. Let your children always understand that you I. Never promise them, anything unless you

are quite sure you can give them what you Only a baby'a grave ! Strange ! how we moan and iret For a little face that was here such a space-

Only a baby's grave !

Too small a gom for His diadem, Whose kingdom is made of such ?

Only a baby's grave !

State Farm.

OUR BOOK TABLE.

The ninth annual catalogue of the St. shares he must have \$200 more. He institution where they will have the watchful care of the lady teachers who reside in the brooded over the subject a few days, Hall. Such a school is needed in the State, and then his friend asked. "Have you got that stock yet?" "No." and it has already done much good in sending "Better get it," said the friend, "you haven't much time." The young man and Christian influences that have surrounded upon the surface of water in a glass went and put up his watch and got another \$100. Then he sold some other attendance of 139 scholars, thirty-siz are sends down through the water what trinket and raised another \$50, Some- boarders from all parts of Oregon and Washthing else went and he had just \$395 ington Territory. all told. He watched the stock hst,

Baby Land, from D. Lothrop & Co., Boston,

short." Jack went down into his nia Spirit of the Times." It is profusely illus- a bright golden or amber hue; while a [Poultry World. pocket and handed him \$5, and then trated and shows much of the progressive combination of green and gel I will be the coveted \$400 was intact. The day spirit that is common to Californians-a sort he gave the order to buy, Sierra sold at of disposition not to be beaten in anything. \$5, but the broker told him, "All right; There are many fine scenes in it from Voten-Th buy it on the \$400 margin, and its, and pictures of fine public and private carry it for you." The stock was buildings.

bought, and in two days was selling at A small pamphlet from Geo. F. King & \$7.50. Then it went to \$10 and \$12, Bro., 575 Broadway, New Yark, tells how to and finally the whole street knew of use the "self-acting cow-milker," and contains the new bonanza. At about \$12 and many recommendations and testimonials, as to \$15 the young man was crazy to sell, the practical advantages of this new invention, but the original informant would not which consists of four small India rubber let him, or rather begged him to hold tubes, in the ends of which are placed small the paper is \$3,20 for a year. on. There is no use elaborating the perforated steel points. These tubes are instory, the point is not in the rise or serted into the tests, and the milk flows in what he made out of it. Sufficient spontaneously into the milk pail. When a to say that he finally got \$220 for the very desirable affair. One of these can be had stock, and walked off with a check from the above named firm upon the receipt of for over \$21,000. He put it in bank \$2.

and the next day walked down to the store where the young man is em- Dr. Holmes says that crying widows ed for by the editorial endorsements, ployed who loaned him the \$5. "Jack," marry first. There is nothing like he said, "Do you know I owe you \$5?" wet weather for transplanting.

Prince went South, and I shall never forget the utter wos of poor Zita when the slave-wagon was driven away. BELLE W. COORP.

Jan. 2, 1878.

Uranine.

A most interesting experiment, appears to be a bright green rootiet; and the tumbler soon looks as if it were them quietly until the struggles cease. Fat- A young man who thinks he can lead a

realized, according to the position in which the glass is held. For day or evening experiment nothing can be

prettier than these trials of Uranine, the Scientific American, who are send-

POULTRY.

by strangulation always presents a bad ap- it or no." "That is true," replied the pearance, because the blood is instantaneously Professor, "but it is of grave conseit coagulates in the veins, presenting a swollen, not foiled in my determination to find present. out from its doors many young girls whose which anybody may try, consists in dark appearance. This may take place, to it." Perseverance can sometimes after lives will reflect the graces of the refining sprinkling a lew atoms of Uranine some considerable extent, when death is pro- equal genius in its results. "There duced in any sudden manner; therefore the them while in this school. There has been an tumbler. Each atom immediately best way to kill fowls for market is to cut off ern proverb, "who can surmount the the main arteries by putting a small-blade knife into the month or upper portions of the throat and thus bleed them freely, holding

Stewart, in the Rural New Yorker, concludes an interesting article on the above subject as follown:

language of the hair. Don't doubt it the occasion. That was a capital lesson ness. Both the metal and its comin the least. At any rate we have which Professor Faraday taught one of pounds have proved of value. dark coat-collar could talk plainer had been put out in the hall, and by sembling nickel and iron; but for its

The Professor lingered behind, en- tures by air or water. deavoring to pick it up. "Never mind," said the student, "it is of no conse-SLACGHTERING FewLS FOR MARKET. - Death quence to-night, sir, whether we find now produced, a brilliant powder. arrested, and, having no outlet to flow off in. quence to me as a principle, that I am test will distinguish which metal is

> are only two creatures," says the East-Fields' Underbrush

but Sierra Nevada hung at \$4 with is only fifty cents a year and is the very best rootlets now begin to enlarge, spread for market. But to have poultry well dressed, modello-aged man, and then report and make a tantalizing persistency. Finally he and combine, bdtil we have a mass of soft green-colored liquid. Viewed by nearly resembles the living flesh, is a matter of far way to run. It is no easy thing to the far way to run. It is no easy thing to the far way to run. It is no easy thing to the far way to run. It is no easy thing to the far way to run. It is no easy thing to the far way to run. lend me \$5 a for couple of weeks; I'm receipt of the Christman isone of the "Califor- transmitted light, the color changes to prime importance in determining prices.- to break up in models life these fields that Loit. inve here formed in youth. Of these why contract the habit of drailing when young, Fawns ran Dirrankov Pennatro -Houry it is said not one in a hundred files a schur

> Berlieden Hattiger Three yours are a For eggs alone, one should choose White young num graduated from the West Point my durling. Absence, you know, which are especially entertaining for Leghora, if that color is desired for black Mintary Academy and care West. His well funkes the heart grow fonder." "Of the young folks. We are indebted for fowis, the Black Spanish, and for handsome was filled with grand, lafty aspirations, and plumage and eggs, the Brown Legislavies loss he cought in the untrodden fields of activity is eggs and fich, the Light Brahma dest, sub the the alghty West ment for his scaring period. The startity of Diamonds, Gold and Silver,

time in our issue of last week. The ment alone and for young folks' pet, the nilky do you make that out? What sound can you

the floor from the Professor's hand, as it is unaltered at ordinary tempera-Vanadium is present in very minute

quantities in nearly all clays. It is, as

Rubidium and casium so closely resemble potassiam that no ordinary

Indium is very soft, milleable and fusible; marks paper like lead.

Barium, cerlum, columbion (niobium), didymium, lanthanium, tantapyramids-the eagle and the snail !- lum, terbium, yttrium and zirconium are all rare metals. Their properties are not very well known.

The discovery of a new metal called gallium has been announced recently, but we believe it has not been isolat-

To this list might be added ilmenfum, neptunium, davyum, all recentlydiscovered metals, concerning whose appearance and properties we are yet in ignorance.

"Don't worry about my going away. somebody else," added the darling.

the Scientific American, who are send-ing out specimens, free of charge, to all their readers. The subscription to the paper is \$3,20 for a year. Every one of our readers should carefully peruse the advertisement of the Devel Manufacture of the first consideration of family use, the Hamburgs of the different to family and the edited the control of the start of the first consideration and a few but sufficient eggs are desired for family use, the Hamburgs of the different to plaum itself for fight. He based the start of plaum itself for fight if the breach the start of plaum itself for fight. He based the start of plaum itself for fight if the breach the start of plaum itself for fight. He based the start of plaum itself for fight if the breach the start of plaum itself for fight if the breach the start of the sta Every one of our relation and a few but sufficient eggs at the different carefully peruse the advertisement of the family use, the Hamburgs of the different the Royal Manufacturing Co., of New Varieties, or the French or Folish fewls and Games will be found suitable, while for ormagoods will speak for themselves, while the responsibility of the firm is vouch-ed for by the editorial endorsements, A precise flower—The prim-rose. A precise flower—The prim-rose prime prim-rose prime primerose pri