

THE HOME CIRCLE.

The Coal Imp.

I was sitting one night by my fire—
'Twas a fire of Westmoreland coal
With a mixture of coke which I recommend
As a comfort for body and soul.

Education of Young Women in Agricultural Colleges.

We recommend the following clear and lucid presentation of the new education for women in colleges and universities provided for by the State and National governments to the editors of the Berkeleyan. It is written by the President of the Kansas State agricultural college, Rev. J. A. Anderson, for some years a clergyman in California and not a granger. The objective point aimed at by him is the graduation of competent industrialists, male and female, not of male or female scientists and literati.

ing and the fathers so radiant that all of us occur in the absolute necessity of instantly providing yet more generously for their education. And as we roll away in easy carriages the air seems more balmy with perfect content, the moonbeams brighter with promise and the mellow earth more luxuriant in hope than ever before.

The Human Beard.

Physiologists generally agree in the fact that every portion of the body bears some sympathetic relation to the brain, or its function, the mind. This would argue that if man wishes to preserve all his native purity, both of mind and body, and be god-like in all his designs and aspirations, with a full capacity to appreciate and comprehend the universe of appreciable things, he must be perfect, entire and wanting nothing.

Young Folks' Column.

Purity in Boys as Well as Girls.

The way some parents have of talking and thinking that boys do not need to be treated as gently and considerately as girls, is productive of wide-spread mischief. If we treat children as if they were honest, truthful, pure minded, it in all our intercourse we appeal to their highest feelings, if we expect nothing which is not respectful and noble of them, we shall keep a high standard before them.

Interesting Incident in the History of Nail Manufacture.

The difficulties which the early workers in iron were so often called to encounter is forcibly illustrated in the following incident connected with the history of the old splitting mills so common in early days of rolling mills, given in Scribner's "History of the Iron Trade."

Philosophy and Structure of the Beard.

The beard on the face of man was designed to serve important ends in his animal economy. A moment's attention to its structure and most obvious uses will make this plain.

Origin of Shaving.

It is said that the habit of shaving was introduced by a young English king, who was too young and effeminate to raise a beard; and that the practice soon became so universal that if a preacher or school teacher wore a beard, he was made a subject of ridicule.

Influence on the Lungs and Eyes.

That the beard of the upper lip is of service to the eyes and lungs, we have most conclusive proof. Whoever has put a dull razor to the beard on that part of the face, starts tears from the eyes, thus demonstrating the immediate nervous connection between that part of the beard and the eyes.

General Uses of the Beard.

A farmer who raised clover seed once said to us that he had found that no man who shaved could work consecutively more than two days at cleaning clover seed, while those with full beards could continue such work week after week.

Conscience—What is it?

I will first say what it is not. It is not what Webster defines it to be. It is in no sense a knowing faculty, a perceptive faculty or seeing faculty.

A Talk With Boys.

A cotemporary writes that he has recently been studying the characteristics of men, and has come to the conclusion that, in many cases, their mothers did not do their full duty in "bringing them up," which, he further remarks, "carries me back to the boys."

Disagreeable Habits.

Nearly all the disagreeable habits which people take up come at first from mere accident or want of thought. They might be easily dropped, but they are persisted in until they become second nature.

Useful Hints.

If you get a fish bone in your throat, and sticking fast there, swallow an egg raw; it will be almost sure to carry down a bone easily and certainly. When, as sometimes by accident, corrosive sublimate is swallowed, the white of one or two eggs will neutralize the poison, and change the effect to that of a dose of calomel.

Development of Magnetism in the Rails of Railways.

M. Heyl, engineer of one of the German railways, in a recent report upon the special section under his charge, calls attention to the development of magnetism in the rails. He says: "I have observed that all the rails are transformed at their extremities, after they have been placed in position a few days, into powerful magnets, capable of attracting and of retaining a key or even a heavier piece of metallic iron."

HUSBANDS AND SHIRTS.

The Troy, N. Y., Times, has this amusing gossip: A day or two ago we overheard two ladies talking about a new dress, and one of them remarked that "When I tried it on I asked Rob if it was a good fit about the waist, and he replied, 'Well, I should say not. It fits about as well as a home-made shirt.'" There was a volume in Rob's reply. As a rule, home-made shirts don't fit at all.

AN INHUMAN PRACTICE.

The practice of bleeding calves to make the meat look white has, the Boston Globe informs us, been very properly condemned by the Society for the Prevention of Cruelty to Animals, both on account of the pain thereby inflicted on the poor creature, and the injury done to the public health by the use of this dry and in nutritious article of food.

LOVE OF COUNTRY.

A Western stump orator, in the course of one of his speeches, remarked: "Gentlemen, if the Par-ay-Rx ocean war an inkstand, and the hull colossal ocean of heaven and the level ground of our yearn war a sheet of paper, I couldn't begin to write my love of country onto it."

Boys must learn to read and reflect more for themselves.

They should take more pride in becoming the architects of their own fortunes. The most successful men of the present day are those who have made themselves such by their own individual efforts.

There are many worse habits than these.

But we are only speaking of very little things that are only annoying when they are persisted in. There are habits of speech, also, just as beginning every sentence with "you see," or "you know," "I don't care," "now-a," "why-a," "tell ye what," "tell ye now."

NITRO-GLYCERINE.

Professor Mowbray, in a recent lecture before the Stevens Institute of Technology, on the subject of explosives, stated that nitro-glycerine is now largely made from the fatty waste of stearine and soap factories. Its density, which is 1.6, water being 1, enables it to expand its tremendous force; for, in a given bulk, there is 60 per cent more gaseous matter than would be contained in it were it only of the density of water.