are glid to learn, is doing well, and will undoubtedly recover—The operation was performed in the presence of several gentlemen, and occupied from ten to lifteen immites. Verily may we ask, what next?—[Manchester, N. H., Aun.

THE NORMAL SCHOOL OF SWITZER LAND

I should like to enter upon a description of the deferent Normal Schools of Switzerland, were a coat rather beside the purpose of this report. La Leanast refrain from recording the unan-rious opinion of the Swiss educators on two parts connected with these schools. These are to a cessity of manual labour in connection with t's instruction given in the school, and the time which ad are agreed upon as necessary to the perfectang of a school naster's eda aton. On the ratter point, all with whom I conversed assurme that their experience had taught them that to recoveres were absolutely necessary for the eduterant of a master; that whenever less time had be notice lett always had been found a sufficient: of that in order that even three years should s (a) c, it was necessary that the young man en-tering the normal School should have completed has character in the principles should be with respect to the necessity of manual labour in a Norneil School, opinions were hardly less unantions. To the Bernese Normal Schools as well as to that at Exemplaing, conduct by Vehrh, the successor of Pestalozzi and Pelenberg, and to the Normal Schools of Lorerne and Solleure, lands by called glauber salts, and connected sulphuric base to en aemoved, which are farmed and cultivated by the round teachers. They are sufficient, and contest of sulphuric based by the round teachers. They are sufficient, and contest of sulphuric based by the round teachers. They are sufficient, and contest of sulphuric based on the sulphuric b two hours men in the Normal Schools at least to grass lands, to turnips and to young potatoe two hours per diem in their cultivation. On plants, the pupil teachers, accompanied by their professors, and cloathed in coarse farmers 1 40 lbs. of sulphuric acid with 31 lbs of soda, to day with thick wooden saidles, may be seen form 71 lbs. of dry sulphate of soda, to day most industriously, about the in idle of the large cultivating all, the vegetables for the dry, cultivating all the vegetables for the use of the household, as well as some for the neighbouring markets; and could any one be taken among them at their period of the day, he would migute he saw before home as tof peasants at their daily labour, instead of young speasants at their daily labour, instead of young speasants at their daily labour, instead of young speasants. r his to the much respected profess in of school mister. Besides the labour in the fields the young men are also required to clean their aparts young men are also required to decan their aparts north, to take charge of their own chambers prepare their own meats, besides keeping all the premises in good repair. Thus the bite of the pupil teacher in Switzerland daring the time he remains at search, is one of the mest about ions in time. He is never all west to lose sight of the manner of life of the class from which he was searched. heted, and with which he is afterward required to associate. He is never allowed to torget he is 1 to a distance of many miles from the sea saore, a peasant, so that he may interwar 1 to rany dis 1. Q. Does the quick-hine increase in wen a peasing so may me may merward to rany dis-grist in mingling with peasints. In this minner, they train their teachers in hearts of thought and hie admirably stated to the laborious character of the profession for which they are destined and to the humble class who will be their companions in after like. The higher the instruction that is given to a pupil-teacher, the more difficult and when left exposed to the art the more important it is to cherish his sympathies for the hamble and often degraded class among whom he will be called to live and exertainly falls to powder. cise his important duties. In fact, as all the Swiss educators and the great directly in educaming a teacher of the poor is to avoid in advan-cing his intelligence and clevating his religious and moral character, rasing his taste and techniss so much above the class from which he has been selected, and with which he is called upon after wards to associate as teacher, advect, and trend, as to render him disgusted with his hum-ble companions and with the tealsome duties of to profession. In educating the trachers there tore, far above the persont class whom they are mented to instruct, the Swiss Cantons which I have mentioned are very careful to containally habatuate them to the simplicity and Labournous character of the peasant's life; so that when they have the Normal Schools they find they have changed from a situation of laborious tor to one of comparative ease. They do not, therefore, become dissatisfied with their laborious employments; but are accustomed, even from their inclided, to combine a high development of the modifier, and a great elevation of the character, with the simplicity and drudgery of the peasant's occupations—The Lituration of the Poor in Linguistical and Junear his horn, how

The Sexes.—The finger of God muself has marked out the impulses, the hab is, the character of the two sexes. Man has vigour, woman rethement; man has the reasoning faculty best developed, woman the perceptive, man has the power of abstraction, woman rarely possesses it; non is the creature of calculations, woman of in-in ise; man is capable of deep research—he pro-creds slowly and cautiously; measuring every distance, and counting every step of his progress, woman bounds along with rapid feet, observing the most prominent objects in her path, and from them forms conclusions often erroneous, but always ingenious.

land and Lurope, by Joseph Kay

Discovery or Iron and Coal, Mines.—We learn from the Journal de Quebic, received this morning, that Dr Bondreau, of Baie St Paul, has made two rich discoveries-one an Iron Mine at a short distance from the shores of the Bay, and on the banks of the River Gouffre, navigable by Schooners to within a third of a league of the spot—The other is of a Coal Mine, still more advantageously situated on the banks of the same river, and only two miles from the shores of the Bay. The Journal invites our Geologist, Mr Logan to go down to Baie St. Paul, and examine the nature of the soil in that neighbourhood .-

A French government boat, the Jentille, had, a the last advices, arrived at St. John. Newfoundt land, also a steamer, the Flamboun, from St. Pct-Their visit is said to be connected with the seizure of some French fishing vessels, for en sevaching on British fishing grounds.

Scientific.

CATECHISM OF AGRICULTURAL CHEMISTRY AND GEOLOGY.

> VI .- Of the Manuring of the soil. (Continued from our last.)

- 12. What does nutrate of soda consist of?
- A It consists of intire acid and soda
- 51 lbs of miric and and 31 lbs. of soda, form 5 lbs. of intrate of soda.
- Q. What is native acid?
- A. Name acid is a very sour corresive liquid, called also aqua-fortis. It consists of the two gases, introgen and oxygen.
- 14 lbs of introgen and 40 lbs, of oxygen form illus of marie acid
- Q. Upon what does the beneficial action of mtrate of soda upon-plants depend?
- A Upon its supplying introgen and soda to the growing crops.
- Q. What quantity would you lay upon an acre?
- A. From I ewt. to 13 cwt to an acre.
- Q. What is sulphite of soda?
- A. Sulphate of soda is the substance common-

- A. Common salt may be either applied as a top dressing, or it may be mixed with the farm vard or other manure, or with the water used in sticking quickline
- Q In what places is salt most likely to be beneticial?
- A. In places that are remote from the sea, of are sheltered by high hills from the winds that pres over the sea-
 - Q. How do you account for this?
- A. Ber use the winds bring with them a portion of the sea spray, and sprakle it over the soil
- O. Does the quick-lane increase in weight when slaked?
- A Yes: one ton of pure quick-lime becomes 25 cwts. of slaked hine.
- Q. Does quacking fall to powder of itself
- A. Yes, it absorbs water from the air, and gra-
- Q. Does quick-huie drink in (absorb) anything else from the air?
- A. Yes, it gradually drinks in carbonic acid from the air, and returns at length to the state of
- Q. When it thus returns to the state of carbonate is is better for the land than before it was burned?
- A. Yes: it is in the state of a far finer powder than could be got by any other means, and can thus be more thoroughly mixed with the soil.
 - Q. What is gypsum? (plaster?)
- A. Gypsum is a white substance, composed of sulphuric acid and hime, it forms are excellent top-dressing for red clover, and also for the pea
- 40 lbs, of sull hurse acid and 284 lbs. of lime form 653 lbs. of burned gypsum.
- 40 lbs. of acid 254 lbs. of lime, and 18 lbs. of water, form 561 lbs. of unburned gypsum. Native or unbaried gypsum loses about 21 per cent of water when heated to dull reduces, becoming burned gyp-um
- Q. Under what circumstances ought these saltlike or saline substances to be applied?
- A. They ought to be applied in calm weather. in order that they may be equally spread,-and soon after or before run, that they may be dissol-
- Q. Are mixtures of these substances sometimes
- more beneficial than any of them applied singly? A. Yes, a mixture of nare and sulphate of soda usually produces a much more beneficial effect upon potatoes than either of them alone, and the same is often the case with a mixture of common salt and gypsum when applied to the bean
- Q. What is kelp?
- A. Kelp is the ash that is left when the seaweed is burned in large quantities.
- Q Can it be employed usefully as a manure?
- A. Yes, as a top dressing to grass lands and to young grain-or even mixed with the manure for the turnip and potatoe crop it may be employed with much advantage.
- Q. Has it been generally employed as a manure in Scotland.

- A. Not lutherto, but there is reason to believe that, if fairly tried, it might be profitably employed to a large extent.
- Q. Are wood ashes (or the ashes of burned wood) a valuable manure?
- A. Yes, applied to grass lands wood ashes destroys moss, and increases their hixuriance; upon young grain and potitions it produces a similar effect, and is profitably maxed with bones, rapedust, guano, and other manares which are employed for the turmp crop
- Q. What does Innestone consist of ?
- A. Lamestone consists of lane (quick-hmc) in combination with carbonic acid.
- 25 lbs. of lime and 22 lbs. of carbonicacid make 50 lbs. of limestone.
- Q. What name is given to limestone by chemists!
- A. It is called by chemists carbonate of lime.
- Q. Are there not many varieties of limestone?
- A. Yes,- some soft such as chall -some hard, such as our common Innestones,-some of a yellow colour, like the magnesian limestones, which contain mignesia,-some pure white, like the statuary marble,-some black, like the Derbyshire black marble, and so on.
- Q. What is mark?
- A Marl is the same thing as limestone, namely, carbonate of lune, only it is often in a state of fine powder, and often mixed with earthy matter.
- Q. What is shell sand I
- A. Shell sand or broken sea-shells is also the same thing, almost exactly, as common limestone.
- Q. Can these marks and shell sands be applied with advantage to the land?
- A. Yes, as a top-dressing to grass lands, and especially to sour, coarse, and mossy grass,-or they may be ploughed or barrowed in upon ara table to contain herself, criedble helds,-and especially they may be applied with advantage and in large quantity to peaty oils.
- Q. Can they not be used also in making composts ?
- A. Yes, mixed with earth and vegetable matter, or with animal matter, such as fish refuse, whale bubber, &c., and even with farm-yard dung. they will often produce very good effects.
- Q. How would you ascertain the presence of lane in a soil or in a substance supposed to be a
- A. By putting a little of it into a glass and pouring upon it vinegar or weak spirit of salt (munatic scid.) If any bubbling up (effervescence) appeared, I would say that lime was pre-
 - Q. To what would this bubbling up be owing ?
- acid from the carbonate of line, which the soil or marl contained.
- Q. What takes place when limestone (carborate of lune) is burned in the kiln?
- A. The carbonic acid is driven off from the limestone by the heat, and the lime alone remains
- Q. What is lime called in this state?
- A. It is called burned lime, quick-lime, caustic lime, hot lime, lime shells, &c.
- Q What weight of quick-lime or lime shells obtained form a ton of limestone? A. A ton of limestone yields about 111 cwts.
- quick-lune.
- Q. What takes place when water is pould upon quick-lime 1
- A. The quick-lime drinks in the water, beco very hot, swells up, and gradually falls to power.
- Q. What is this pouring of water upon so as to make it fall usually called ?
- A. It is usually called slaking the lime, an lime is called slaked or slacked lime.

For the Ladies.

THE THREE VOICES.

What saith the Past to thee? Weep!
Truth is departed;
Beauty hath died like the dream of a slee
Love is faint-hearted;

Trilles of sense, the profoundly unreal Scarce from our spirits God's holy id So, as a funeral bell, slow and deep So tolls the Past to thee! Weep!

How speaks the Present hour! Act! Walk, upward glancing; So shall thy footsteps in glory be track

Slow, but advancing. Scorn not the smallness of daily endayour, Let the great meaning equable it forver; Droop not over efforts expended n vaiu; Work, as believing that labour igain.

What doth the Future say t Hope Turn thy face sunward? Look where the light fringes the far sing slope

Day cometh onward. Watch! Though so lo Watch! Though so long be twight delaying, Let the first sunbeam arise on the praying; Fear not, for greater is God b thy side, Than armies of Satan againmines allied. THE MAN WHO KISSED THE THREE GIRLS.

A young man who boarded at a house in the country, where were several coy damsels who seemed to imagine that men were terrible creaures, whom it was an unpardonable sur-to-look look at, was one afternoon accosted by an acquantince, and asked what he thought of the young ladies with whom he boarded? He re-plied that they were very shy and reserved.

"So they are, 'returned the other; "and so much so that no gentleman could get near enough to tell the color of their eyes."

"That they may be," said the boarder, "yet I'll stake a million that I can kiss them all three, without any trouble."

"That you cannot do." cried his friend; it is an achievement which neither you nor my other man can accomplish."

The other was positive, and invited his friend to the house to witness the triumph. They en-tered the room together, and the three girls were all at home, sitting beside their mother, and they all looked prim and demure, as John Rogers at

Car hero assumed a very grave aspect, even to depetion, and having looked wistfully at the clock, breathed a sigh as deep as Algebra, and no long as afemale dialogue at a street door. His singufar deportment now attracted the attention of the girls who cast their slow-opening eyes up to his constenance. Perceiving the impression he had

contonance. Perceiving the impression he had made, he turned to his companion and said—
"It wants three minutes of the time!"
"Do you speak of dinner!" said the old lady, laying down her sewing-work.
"Dinner!" he said; with bewildered aspect, and pounting, as if inconsciously, with curved foredinger at the clock. forefinger, at the clock.

A silence ensued, during which the female part of the household glared at the young man with ir-

repressible currosity.
"You will see me decently interred," said he,

again turning to his friend.

His friend was as much puzzled as any body projent and his embarras-ment added. The intenfed effect; but the old July, being no longer

"Mr. C-, pray what do you speak of?"
Nothing," answered he, in a lugubrious tone, "but that last night a spirit appeared into me?"

He the girls rose to their feet and drew near

Hee the girls rose to their feet and drew near. And the spirit gave me warning that I should didexactly at twelve o'clock to-day, and you see it fails but half a minute of the time."

The girls turned pale, and their hidden sympathis were at once awakened for the doomed-Tey stood chained to the spot, looking alternately it the clock, and at the inflortunate youth. He did walled not be the object to the side and the next the next the side and the next the next the next the next the side and the next t lynt the clock, and at the unfortunate youth. He thin walked up to the eldest of the girls, and taking her by the hand, bade her a solemn farewell. It also printed a first upon her trembling lips, which she did not attempt to resist. He then bide the second and third farewell in the same taider and affectionate manner. His object was chieved, and that moment the clock struck twelve, creupon he looked around surprised, and eparation would tell such a he! It was probably he glost of Ananias, or Sapphira."

It was some time before the soler maidens unlerstood the joke, and when they did, they evince

A. It would be owing to the escape of carbonic lerstood the joke, and when they did, they evined from the carbonate of lime which the soil or ed no resentment. The first kiss broke the ice; and, thanks to the ghost, they discovered that there was one pleasure in a bearded cheek.

Scraps.

It is a remarkable peculiarity with debts, that their expanding power continues to increase as you contract them.

Caution to Danbies.—A tall eighteen year old volunteer, at Metamoras, being asked by Gen. Taylor his motive for volunteering, replied, Because daddy licked me."

"William," said a pretty girl to her lover, the other day "I'm afraid you don't love me any longer." "Don't love you any longer?" replied Bill, "I don't do nothin' skorter."

Woman's Influence -- Like the olive treesaid to fertilize the surrounding soil—there are some few ministering angels in female guise among us all, and about our paths, who sweetly serve to cheer and adorn life. Our amusements are misigned unless they contribute to them; our efforts of noblest ambition feeble, unless they are lived in a surrounding to the surrounding the same than they are pland-its reward valueless, unless they share them. There are, too, some rude spirits in the world, whose bolder nature female influence admirably serves to refine and temper; and per-haps it is an extreme cologium of the poet, that without that influence, mony a man had been a "brute indeed." The concurrence of both sexes is as necessary to the perfection of our being, as the existence of it. Man may make a fine mel-ody, but a woman is also required to make up

harmony. "What's that ?" said a schoolmaster, pointing

" Daddy's name."

"No it ain't daddy's name, you blockheadit's X

"No it ain't," said the boy, "tis daddy's name. I've seen him write it often." An Irishman making love to a lady of great for-

tune, told her, " he could not sleep for dreaming of her.' An Alabama editor makes anology for a lack of "editorials," because Sally, his better half, has the scissors. "The habies," he says, "must have shirts, and Sal won't cut out shirts with

the handsaw, no how you can fix it." Among the paintings exhibited at Paris this year, is a landscape by an artist who was been without hands or arms, and who paints with the help of his feet along help of his feet alone.