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# The Canada School Journal. 

Vol. XI.
TORONTO, MARCE 1, 1886.
No 5.

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## THE CANADA SCHOOL JOURNAL.

An Sducational Journal deosed to the adyancernont of Lilerature, Science, and the teaching profestion in Canada.

## ———TE ETMS.——

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CANADA SCHOOL JOURNAL PUB. CO. (Limited)
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It is announced that chairs of political economy in Yale and Williams Colleges have recently been filled by the appointment of protectionist professors. One of these professors in hi. inaugural address is said to have made a number of "points" in favor of protection to native industry. It is rather belitling to professional dignity that appointments to chairs of philosophy should be made on the ground of the special creed of the candidite on a particular point, rather than on the broad and high ground of his knowledge and ability. No man who stands committed beforehand to a theory or dogma can come to the study and teaching of his subject in the true and sctentific spirit. It will be a bad day for liberal culture when the chairs of philosophy in the universities are filled by advocates and partisans.

The New York Christian Union Makes a strong plea in favor of the proposed national aid to educatio: in the Southern States, on the ground that it is an act not of benevolence, but of justice-not a charity, but a debt. The negro population at the South, it insists, is a national burden, and it would be most unjust to leave it to be wholly borne by those who happen to live where that population is centred: The North
helped to bring the slaves into the country, to legalize slavery in the Constitution, and to extend slavery and fasten it upon the nation. The North did nothing to get rid of slavery until compelled to act in self-defence; it then emancipated the slaves instantly by proclamation, and afterwards enfranchised the freedmen. The North cannot, therefore, now turn round and coolly say to the South, "These ignorant people are your people, and you may take care of them." All of which scems fair and cogent reasoning. Might it not have added, "The North emancipated the slaves in self-defence, and is now bound to educate them in self-defence"?

A correspondent of the Citizen, of Boston, U.S., holds that "teaching in civics should begin on the day when the child enters school." It may; perhaps, be necessary to premise that the new word "civics" is used to denote the science of cittzenship. The school certainly fails in one of its highest duties if the whole course and iniluence of its training do not tend to fit the future men and women to become good citizens, whatever may be thought as to the desirability of adding a new science, under the name of civics, to the already overgrown curriculum of the Public School.

The lady teachers of Toronto can see no good reason why there should be so wide a discrepancy between the salaries of male and female teachers when both are doing the same work, and they have been telling the Trustees so with some effect. An improvement has been made in the scale so far as the female teachers are concerned, while that for male teachers remains unchanged, notwithstanding they also put in a claim for increase. The Finance Committee have agreed upon a scheme fixing the rate of women's remuncration upon the basis of $\$ 300$ the first year, and an annual increase of $\$ 24$ untit a maximum of $\$ 636$ is reached aiter fifteen $y$ zars of service.

The letter of "A Country School Teacher" in our last issue should cause the cheeks of trustees, parents, and inspector, in the place in which such a state of affairs can exist, to glow and tingle with shame. A school-room, 20030, so full of smoke, that three broken window-panes cannot give it passage out of doors, children obliged to wear sloaks, teacher going home with aching eyes, etc. What a picture! ind all thes within fifty miles of Toronto! Where is the inspector who can permit such an outrage on the teacher, the children, and the pib. lic? Are there any more such in Ontario? Our correspondent says such institutions are by no means marvels in some parts of the country. Show them up, teachers, and put the guilty parties to shame!

A good deal of discussion has been had in England on the suhject of over-pressure in schools, but recent statements go to show that the educational system of Norway and Sweden
s :ems far more grievously against the health and happiness of the little ones. It is said that in the Svedish hish schools seventy-one per cent. of the pupils are affected wih shortsightedness, and in the middle-class schools furty-one per cent. This seems too bad to be true. but becomes quite credible in the light of the further statement that in the micolle.class schools forty-eight hours, and in the high.class schocl: eightyeight hours per week are required for study and secitation. The schools of Sweden stand very high, but if these accounts be true, their fancied excellence is purchased at an enormous and suicidal cost.

The following from the Amertan Teacher is so much in line with a course of remark recently made in these columns that we quote it by way of supplement :-
"Boys and girls, even when very young, can be educated to pronounce judgment on questions of right and wrong. Under pioper condations the moral judyment may be trained by calling upon pupils to pronounce י, pon the conduct of their companions, and made to feel that they are responsible for a just decision. The judicious teacher can often appeal to pupils, in good faith, in regard to awarding commendation or in pronouncing a penalty, and their keenness and honesty will often surprise him. By similar methods valuable lessons in practical morality and in the exercise of personal judgment may be taught that will prepare them to act in future life in the jurybox."

The Mail makes a vigorous onslaught on the Department of Education, on the grourd of is alleged attempt to manufacture text-books for the use of the pulsic schools by hack-work. The Mail asks: "Is there another country in the world where the head of the Department of Public Instruction would think for a moment of saying, 'I ams going to make a change in tise text-books now in use in all the schools, and will have a new set made to order. I will have my friend A. to prepare a set ot readers; B. to write a history ; C. to compile a geography ; D. to get up a set of drawing books, \&c. ?"" Such a mathod is utterly indefensible. Teachers and pupils want the best text-books that can be produced, and have a right to them. But how absurd it is to suppose that our Education Department is surrounded with such a galaxy of learning and talent that its head can, at any moment, put his finger upon a man conmpetent to write a book equal to the best written by the foremost teachers and scholars of the day.

The Senate of University College, Liverpool, now incorporated into Victoria University, is said to be preparng a "business curriculum." suited to the special wants of those who are to become clerks and apprentices. There is certainly no good reason why the wants of clerks and apprentices, and of farmers and fishermen, too, should not be as much consulted in such institutions as those of lawyers and doctors. But one becomes bewildered and frightened by the innumerable specialties which it is proposed to engraft into the common stock of the college course. The day seems fast approaching when the general course shall be nothing, the syecialties everything. Would not the more logical and excellent way be to eschew all specialties in an institution devoted to hberal culture, and to
educate pupils simply as men and women, leaving the specialties to be provided for by private institutions, and paid for, on true business principles, by those who want them for commercial purposes? Certainly there is no need in these days that any fresh inducements should be held out to tempt the young into business pursuits, whatever may be said in favor of seeking to give them an impualse at college in the direction of agriculture and other industrial pursuits demanding higher grades of intellggence and skill.

Some of the papers' have justly pointed out the absurdity of the plan of promotion hitherto followid in the city sciools. According to this shoot-sighted policy the teachers are promoted from one classroom to another, ic e., from a younger to a maturer class of pupits, and the salaries graded according to the rooms. Such a system discards a large part of the benefits of experience. By the time the teacher may be supposed to have become skilled in dealing with the minds of children at a certain age, she is taken to another soom to commence exper:menting afresh upon those at another stage of advancement. Such a mechanical system also ignores the fact that some teachers can succeed best with little children, others with those of larser growith. There can consequentiy be no study of special qualfications, no regard paid to natuve talent and special fitness. The same mistake in regard to the first princ:ples of pedagogics meets us in the announccment that "the teachers in the kindergarten schuols had their salaries increased trom $\$ 150$ to $\$ 250$ per year." As if the very highest talent and ability were not required in the kindergarten teacher, and in the teachers of the infant classes in the public schools! Clearly the special inducements, if any, should be offered to keep successful teachers in the departments in which they have achieved success, rather than to draw them away into new and untried spheres.

The Weck points to the facts that, out of the nin ty-six young women who last year took the university examinations, but eleven entered University College, and that this year the cleven are reduced to ten, as proof of the failure of the coeducation movement to do more than educate a few schoolteachers. As regards the general education of women, it holds that it was a false step, which, instead of advancing, wi. 1 retard the cause by standing in the way of more rational masures. The inference is certainly a pretty large one from the premises. The Weck seems either to forget, or not to know, that the university examinations for women were established lung before the wondrous favor of admission to University College lectures was granted to them. These examinations are. in reality, an end in themselves, rather than a means to the end of a college course. The greater number of the ladies who take then now, as before the doors of the college were opened to them, do not, probably, intend to advance farther, or, if they do, mean to advance by the same route, that of private study and the periodical examinations. Consequently the nigures quoted prove nothing, certainly nuthing discouraging to the advocates of co-education. As a mater of fact, when : ll the circumstances are taken into the account, and when it is borne
in mind how small for many years was the number of young men entering University College, the number of wom.n at present in attendance will be seen to be quic as large as any reasonable friend of the movement could expect at so early a stage.

We have never, however, regarded the admission of ladies to University College as by any means a solution of the problem of higher education for women. It was simply the concession of a right-an instalment of fair play. The university and its rollege are national institutions, and the policy which shut out one moiety of the nation trom participation in their advantages was too old fogyish, too glaringly unjust, to brelong tolerated in this free and democratic country. The admission of women to the lectures at University College costs the !rovince noth:...g, nor do we see how it stands in the way of any " more rational m. asures." We have always believed that tut a small proportion of the number of young women who are ambitious of a thorough education will go to the University College, but that the right of all who wi,h to do so is clear. Meanwhile, those friends of higher education for women who do not like coeducation, should bestir themselves to provide for the young womer of Ontario some other and better means of securing the advantages of a full collegiate course. The Week should be in the van of the promoters of such an institution. We venture to predict that the warmest advocates of optional coeducation will not be the most lax in supporting the movement.

Apropos to this important matter of women's higher education, we are glad to see hopeful indications of the success of the Donalda endowment and method at McGill. Sir William Dawson is said to have stated, at a recent meeting of the Ledies' Educational Association, at Montreal, that the total number of students now in the college under that endownent is fifty-one. Of these, twelve are undergraduates, nine are partials, taking three or more courses of lectures, the remainder are occasionals, taking one or two courses of lectures. The classes open to women are those in Latin, Greek, English, French, German, losic, mathematics, chenisty, and botany At present there are regular students only in two years, but nex! session there will be regular students in all the years. In the arrangements for the third and fourth years it will be provided that there shall be separate classes for women in all the ordinary subjects up to the standard for the degree, giving them all the options enjoyed by male students. In each subject the lectures to men and women will be delivered by the same professor or lecturer, and the examinations will be identical. The degress to beginners have not yet been formally decided by the corporation, but it may be considered as settled that they will be the same for women as for men. Have we no Donald Smiths in Ontario?

It should not be forgoten by the friends of university education for women that there is here, in Toronto, a public educational institution which has cost the province in immense ampunt of money, and which ha; completely outlived its
special usefuiness, if it ever had any. This institution could not be put to so good a use in any other way, as by its conversion into a first-class Ladies' College. It ougnt to be immediately available for that purpose. Why a professedly liberal Government, with a Minister of Education ambitious of being progiassive, should continue the coitly anomaly and anachronism of Upper Canada College for a single year is hard to understand. The people do not want it, for they have their Collegiate Institutes, which are doing at least equally a; good work at vastly less expense. There is now no family compact whose sons have to be educated and provided for at the public expense. We have no privileged classes for whom the country is under obligation to make special provision. In a word, Upper Canada College aas to day no raison d' treth t wil stand a moment's scrutiny. The sooner it is transformed into a useful and popular institution the better. Its handsome income, supplemented by the gifts of wealthy citizens, would suffice amply for at least the nucleus of a Provincial Lades' College. Mr. Koss might make himielf a public benetactor by bringing about so beneficial a change.

## Syccial.

## ELEMENTARY CHEMISTRY.

## WATER.-Continued. <br> organic inpurities.

The organic matter may be either of vagetable or animal origin, the latter leing by far the most injurious; but water containing any considerable quantity of vegetable matter, partly in suspension and partly in solution, is decidedly unwholesome. Water may be tested for organic matter hy the following methods:-
(1) Potasisum P'ermanganate.

Exp. 11.-Fill a test-tuhe nearly full with the water to be examined, and add, by means of a glass tube, as much potass um permanganate as will impart a distinct pink tinge after stirring with the tube. Then fill another test-tube of the same size with distilled or rain water, and add the same quantisy of perman ganate solution. Place the test-tubes side by side on a sheet of white paper, and note any difference between the two tubes which may speedily or subsequently take place. If decoloration takts place rapidly, there is a strong probability that organic mater of animal origin is present, wherens slower changes indiate that vegetable matter is present. There are other sul)stances, such as nitrates, iron, and sulphuretted hydrogen, which would produce the same effect as the organic matter. The presence of nitrates indicates that the water is unfit for use; the othre two are not likely to be present in ordinary water. The decoloration is cwing to the oxidation of the organic matter hy the oxygen of the permangamate. A sort of rough estimace of the amount of organic matter may be made by observing the relative quantities of permang ix:ets which different waters decolorize.
(2) Clidirides.-The presence of chloridos in water is always very suspicious, not that chlorides are in themselves of import.
ance, but because their presence sevves as an indication of sewage contamination, for pure waters are almost free from sodium chloride, whist sewage is highly contaminated with it.

Exp. 12. - Malf-till a test-tube with water, acidulate with a few drops of nitric acid, and add silver nitirate solution. Four grains per gallun of sulium chloride give a turbidity : ten grains a slight precipitate; twenty grains a considemablo precipitate soluble 1 n ammonia. Good water shumld only yield a slight haxiness.
(3) Ammonitr.-The presence of free ammonia in considerable quantities in water points to sewage contamination. (xood potable water should contain very little free ammonia. Its presence may be detected as follows - -

Exp. 13. To a test tabe half full of well water idd five or six drops of Nessler's Test (int. 190). a yellow or brown color indicates sewage contamination.

Naturally Occuraing Watcrs.
(1) Rain Water:-Although this is the purest form of natural water, still it contains certain impurities which are washed out by it from the atmosphere. It invariably contains ammoniacal salts, sodium chloride, and organic matter of various kind-.
$(2)$ Siminy Wruter. - The nature and amount of material in spring water depends on the nature of the strata through which it passes. The salts which must commonly occur are (1) the bicarbonates and carbonates of calcium and mannesinm, (2) the sulphates of calcium and magnesium, (3) the alkaline carbonates, chlorides, sulphates, nitrates, or silicates. The gaseous constituents consist of oxygen, nitrogen, and carbon dioxide.
(3) River Water:-Although river water contains a smaller amount of salts, it is usually less fitted for drinking purposes than ordinary spring water, as it usually holds in solution a larger proportion of organic matter of vegetable origin, derived from the extensive surface of the country which has been daained by the stream.
(4) Sea Water.-This usually contains about $3 \frac{1}{2}$ per cent. by weight of substancesin solution, the one which is present in by far the largest quantity being common salt, NaCl .
questions and exercises on water.

1. Wator is said to be a compound of oxygen and hydrogen; describe experiments in prowf of this view.
2. How is the composition of water ascertained by the eudiomoter? After exploding amixture of oxygen and hydrogen, 017 gram of water was gbtained, and $11 \cdot \overline{5}$ c. c. of hydrogen remained. The temperature was $15^{\circ} \mathrm{C}$. and the pressure 760 mm ; find the volume of the mixed gases.
3. Explain how the action of hydrogen on copper oxide may be used as a means of determining the composition of water.
Berzelius and Dulong heated 53851 grams of copper oxide in contact with hydrogen. The residual copper weighed 42.989 grams, and $12 \cdot 197$ grams of water were obtained. Calculate from this data the percentage compusition of water.
4. What are the characteristics of pure water, and how may water be obtained in a pure stato? How may drinkable water be obtained from sea water?
5. At what temperature is water at its point of greatest density ? How may this bu shown experimentally?

What effect would continuous fresty weather have on likes and rivers if water expanded and contracted accorting to the same rule as a piece of suliu iron?
6. What is meant by the boiling point of water? How does tho pressure of the atmusphere afferi tho temperature at which water boils?

Two thin thasks are filled with water and sealed up. Ono is placed in boilng water and the other in a frueaing mixture. What oecurs in each case?
7. What is meant by the term hardness as applied to water? Givo the earthy impurities which are the frequent caluse of hardness in water and of deposits in bulers, and state huw thoy are romoved. What is meant by saying that a given specimen of water is $\mathbf{1 0}$ degrees of harduess?
8. Somo hard waters can bo softened by biling, whilst othors cannot. Explain the cause of this, and deseribuany other methods for softening waters.
9. A sample of water contains in 100,000 parte, 16 parts of calcum carbonate, í parts of calcicm sulphate, and 7 parts of common salt; what is its harduess, and how much will this harduess be peduced by boiling the water for half an hour ;
10. Supposing a certain water contains 20 graus of calcium carvonate in the gallow, and that the following equation represents the actior, of a solution of eoap on calcium carbonate, $2 \mathrm{NaC}_{14} \mathrm{H}_{35}$ $\left.\mathrm{O}_{2}+\mathrm{C}_{2} \mathrm{CO}_{3}\right)_{3}=\mathrm{Ca}_{1}\left(\mathrm{C}_{18} \mathrm{H}_{3:} \mathrm{O}_{2}\right)_{2}+\mathrm{Na}_{2} \mathrm{CO}_{3}$. What weight of sonp must ve vided to the water before a permanent lather can be produced in loat rullon of water?

1i. How may the presepuca of lead in waters bo accounted for, and how may its presence be detected?
19. How may the presenco of organic matter in water bo detected, and how would you distinguish urganic matter of vegetable urigin from that of animal origin?

## notes on entrance hiterature.

## Lesson XII.-THE TRUANT.

This lesson consists of what is called an "allegory." An allegory is a tale or some other kind of representation in which the words used and the events narrated have a meaning dafferent from that which appears upon tho face of the writug. It is generally used to teach some lessun of experience or morality. One of the n:ost beautiful of short allegories is to be found in tho 80th Pedm, 8th and following verses. An allegory may be prolonged to any extent The longest and best sustained allegory in the English, or, in fact, any language, is Bunyan's "Pılgrim's Progress."
Let tho pupils study che lesson carefully, until they feel sure they understand not only its general drift, but the oxact truth intended to be conveyed in cach paragraph and incident. Then, as the lesson proceeds, let them bo required to exptan clearly an their own language the meanng of each part.
Note.-In the following the numbers refer to the paragraphs taken in order.

1. (a) Daffioundilly. - The name of a flower, the daffudil or daffadilly, a species offarcissus.
(b) Flower. -The author may havo had in mind Matt. vi., 28.
(c) Labor:-Detine. Why would doing only what is Leautiful or agreeable not be labor?
id) Mother. -Ii this word is to be allegorized, it must moan :ature, or the arrangement of things as they are in the world. But this is probably carrying out the allegory more minutely than the author intended.
(e) T'oil is ropresented as a schoolmaster, because of the valuable training it gives to mind and muscle.
2. (u) Worthy character.-Mention some of the ways in which tuil dues goud to clalitren and grown people.
(b) Had duell.-Explaia the allusion.
3. (a) Untess a lad, ete. -The ouly way to enjoy labor is to onter intu it haratily and cheerfully.
(b) Uyly. - Nute the primary and proper menning of this word. Explain how it comes so often to have the secondary meaning of ill.nutured.
4. Bear-The first asaning of this word is to carry. Let the pupit trace the transition to that of to endure.
i. (a) Ramlles.-Nuto the well-chosen word. Ho had no definito object in viow.
(b) Only some bread.otc.-The usual lot of those who seek to escripe toil.
(c) ©̛̛race - Serious, thoughtful; sedute,calm, settled. Note carefully the nice distinction in meaning between these two words.
(d) Trudging. - Walking with a stoady, measured gait, as if on a long journey.
5. Severe.-His purpose was kind, his method necessarily stern.
6. Ingenuous.-Frank, open, Distmguish carefully from in. quious, with which it is sften confused.
7. Deal.-Properly, a part or portion. See Ex. xxix., 40, "a $t$ suth deal of time tour," which is supposed to mean a tenth part of the most common measure, an ephah.
8. Pleasanter. - Must indolent peranns, and espucially children, are apt to think any other kind of lisbor more amusemont as compared with their own.
9. (a) Employer:-Toil presides over every iorm of industry.
(b) Drops of sweat. - Compare Gen. iii., 19.
(c) Precisely the same. - Toil is toil. Its general characteristics are the same, no matter how varied the forms it assumes.
10. More disagrecable. -The physical toll of a farmer is less attrac. tivo to most persons than the mental toil of the schoolmaster.
11. Quoth.-An old English verb, used. only in the second and third persons of the imperfect tense. It always precedes its subject.
12. Moking merr. -A familiar expression. Making (themselves to bol merry is the probable construction.
13. Holding a fidulle-bute.-Not oven a dance can be conducted without toil. Many men's pleasures are their hardest labors.
14. Bred in Frence.-An allusion to the love of gaiety characteristic of the French nation.
15. Pray let us go, - An elliptical expression. "I pray thee do thou let us go" suggests the grammatical explanation. Let the pupils parso the three verbs.
16. Don't like the looks. -Toil disguised as pleasure is often the most repulsive form of tuil to one who sees it aright.
17. Purlor. - Explain. In what shape would Evil appear in the partor?
18. Repose.-Distinguish from rest.
19. Most misercile. - The itiucrent musicians and pedlars and the begsing "tramps" must reslly lead very toilsome lives in their efforts to escrpe lahor.
20. It was the toil he endured in seeking to run away from toil that tanght him the lesson he had learned, and made him willing to return to toil.
21. Whit.-This is originally the sime word as wight, a thing or being. It means here and usually a point, the smallest part. Some make aught a contraction of a whit, which seems rather far-fetched.

Compose short sentences to illustrate the meaning and use of the following words: Affirmed, sereve, uply, ramble, trudge, grave, sedute, ingentons, torpid, verit, approbation.

Construct sentences to distinguish between the following pairs of words: Character, reputation; cistom, manner; rambles, journcys; grarc, sedate; ingenuous, ingenious; miserable, sorctched; diligent, busy.

Conjugate the verbs of which the following are forms: Done, driven, chosc, run, bejan, caught, see, bred, went, lain.

## fUTURE Of OUR EDUCATION.*-(Continued).

Principal A. H. MfcKay, Pictou, N. S.

But the greatest transformation in the future is likely irst to affect the common school stage of our system: In aduition to the prosent subjects of instruction, more attention shall be given to physical culturo both practically and theoretically. Stiondly, the powers of accurate observation and induction siall be cioveloped under the heading of the acience of common things. And thirdly, on account of the changes introduced by modern manufacturing machinery, the decay of apprenticeship, and its own general utility, as well as the indirect influence on the general education, manual training may be a part of the general course. The training of the muscles of the hand to obey the will so as to execute the designs in the mind with, say, the ordinary tools used in wood work alone, cam at a glance be understood to be a great advantage to any would-be young mechanic, artizan, or farmer. Instoad of interfering with his moral and intellectual development in school, it would probsbly in every caso assist. The corrmon school of the future is go ng to be encyclopedic-to be a university of letters, of the arts, and of the sciences-but still a child's university Why? Because it is desirable that the child should grow "pari passu" on all sides of its being. One-sided development forms but a caricature. Thus symmetry of development is now even more important for the youth who is destined for the pursuit in some department of the higher education; as sooner or later, from the vastness of the realms of knowlege, he must become a specialist. Tu the average extent, however, he is a full, rounded man under this system.
But shall there be a school time for this full development of all parts of the child's nature in this new order of things? Yes, entough and to spare, if we can cast ont what is not only useless but injurious. The Athenians, so :uns the fable, had imposed upon them by Minos the terrible tax of seven youths and seven maidens to be sent every nine years to feed the monster Minotaur, enclosed in the endless mazes of his labyrinth in Crete. Tho third ship bearing this tribute was on the point of sailing when young Theseus bethought himself of the possibility of slaying the monster. The thought had to come first. The gallant deed of the hero soon followed. But there is a more terrible tax imposed on English-speaking people by the Minos of an unthinking, unreasonable, and we can now say, ignorant fashion. The futures of thousande and tens of thousands of youths and maidens in English lands are sacrificed amnually-and the law compels it-sacrificed to the hybrid cadmean Minotaur of Euglish spelling. Taking the proportion of time absorbed in home study and school work in: learnings spelliv: 8 and mechanical reading alone, in the school life of Nova Scoi:a, England, and the United States, above and beyond the time necessary to mastor the same subjects with phonetic spelling, two years are lost, absolutely. And worse than lost, as much more injury than good can be shown to result from it. Normal schools all over the English globe have shouted at it from morning to evening with the "phonic," "phonetis" and "say" method, "O Baal hear us!" But yet spelling remains the task with young pupils, and tends to make the school life so repulsive to namy, that it is certainly chargeable with nearly all the illiteracy in English-speaking countries, and with a great deal of the truancy and general diggust of learning in elementary schools, and with the most mischinvous and systomatic specios of cramming found in any enlightened nation on the earth. The child does not yet understand English spelling. How can the speliing in foreign languages leasen the tast: of memorizing derived English irregular words, under auch cir:: cumstances? It is puro oram for hịm, with all the mischiovous

[^0]eflectas of that notorious system of instruction, intensilied in its evil effects by its commanding position at the very portals of our educational system. And after it is crammed, what is it ? Listen to ono out of : thous:md testimonies from one of the greatest philologists of the ago. Styace, professor of philolocy in Oxford, speaks thus : "English speaking has become a more serics of arbitrary combinations, an mbodiment of the wild guesses and etymologies of a prescientitic aye, and the hap-hazard caprice of ignorant printers. It is good for little slse but to disg'iso our language, to hinder edues cation, and to suggest falso analogies." Now, with a phonetic spelling our chidren could learn to spell and read meehanically, reasonably, pleasantly, and correctly in a few months. As soon as this is"seon our people shall rise up in their might, demand that the sacrifice be stopped and the Minotaur slain. Already young Thesens has resolved. The embodimont of literary learning in England and America, as represented in the philological societies of the two nations, had with unanimity agreed upon a revised if not a com plete phonotic spelling. The greatest names in English science, poetry, and the councils of the empire, have declared in favor of spell.' ing reform. University corporations, state govermments, and even the national governments of the United States, have alrealy initiated action in this direction. The oniy real difficulty now is agreement upon the most practical scheme. Within the last year the German goveruments of Europe, by edict, completed it reform in its already very perfect phonetic spelling. Cake away the wrees of government prescriptions and examinations which cow.apel us at the expense of much time, money, and learning to adhero to our present unscientific and chautic system, and a spontanoous rush for improved orthography would be made at an infinite number of points. This shows that the work of our acovernments in the matter must bo chiefly that of the co-ordination of these forces of develupment so as to produce a uniform writton langungo in all Enghish countries when the change must come. In the future echools of Nova Scetia we may yet live to see a useless, mind-damaging, and ime-wasting subject discarded, and in its place, useful, mind-developing, amd fascinating subjects substituted. Two years nore can be spent on literary (not letterary) subjects in the stuiy of langaage, science and art. The study of the Greek and Roman classics can be com menced two years earlier, by the candidate for the classical coursw, while the mastery of the English language and the first principles of science shall be two years in sdvance with the other students. The academy and the university will next feel the impulse as stiongly as the common schools.

In addition to this gain the common school work shall be simpli. fied by the general adoption of cecimally divided weights and measares throughout tho Dominion. The Metric system already looming up in our high schools and universties shall sweep from Elementary Arithmetic the "compound rules" and all need of them, into a chapter in the high school mathenatics under the heading "Other systems of nutatio. ." This shall be another valuable acquisition for the bone and sinew of our land who want the most practical and useful instructions for their short school course; and a boon also for the high school candidato whose youthful zeal to cxcel in accuracy and rapidity of execution need not be prematurely checked by the attempt to fully comprehend an unnecessary multiplicity and complexity of mathematical notions beiore the maturity of his mathematical faculty.

In these halcyon days there shall be no more long hand script outside of the antiquary's cabinet and perhaps legal documenta, where length, to use an ouphuism, may bo a technical necessity. The child of five will commenco with Pitman's strokes an?: $=$ - - ees, a common courso of writing and drawing.

Phonugraphic or stenographic writing will, in all probablity
precede the introluction of phonotic spelling. The pupils of those days shall wonder at the roundabout, timesconsuming ways in which their grandfathers did titings, who in addition to their fancy for long, ugly spellings which cost them two or three years of their time and a per centage of their intellectual versatility, should havo also indulged in a system of writt: is which would take an hour of busy work, when it could bo done in tifteen or twenty ininutes. 'Thoy will probibly term their grandfather's age, the age of leisure, when time had to be passed away. But wouldn't we, bury men, frown in our very graves coula we hear so sarcastic a compliment from our dear grandchildren:

## A. H. MoKay.

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## EDUCATION DEPARTMENT, ONTARIO.-DECEMBER EXAMINATIONS, 1885.

SECOND CLASS PROFESSIONAL, - NORMAL SCHONL8.

## HISTORY OF EUUCATION.

Esaminer-J. F. White.

1. Writo a paper on Roman Education, and briefly compare it with that of Greece.
2. What were the chicf aims of the Realists as distinguished from the Ifumanists? Give, in particular, the reforms adrocated by Comenius with comment of your own as to their worth.
3. Give an account of the system of the Jesuits, and estimate tho value of their services to education.
4. What are the views advanced by Milton in his "Tractate on Education," and to what extent are they followed by teachers of the present day?

Compare his utterances on this subject with those of any other eminent Englishman.
ס. Write an account of Pestalozzi and hisowork.

## THE PRINCIPLES OF EDUCATION.

## Hraminer-J. E. Hollyson, M.A.

1. Give the substance of Mr. Fiteh's views on the folloring questions:-
(a) "Is Educution an Art or a Science?"
(b) "What constitutes a Liberal Eiducation ?"
2. What general peirciples should be kept in riew in framing a time table?

Illusirate your answer as clearly as you can.
3. State and illustrate the diflerence between deluctive and in. ductire methods in teaching.
4. Write notes on the use of !flobes and maps in teaching geography.
$\overline{5}$. "And thus it will bo seen that of the two modes of teaching history, * " * * I greatly puefer the second." What are the two medes, and what are the grounds of Mr. Fitch's preferonce?

## sGhool organization and management.

## Eraminer-J. J. Tilley.

[NCTE.-Only fire questions are to be answered.]

1. Describe a properly organized school.
2. Discuss the principles involied in successful class manage. ment with reference (1) to the teacier ; (2) to the pupils.
3. What is the object of classification?

Name and brietly disciss its leading principles.
4. State what $\mathbf{j} \mathrm{H}_{\mathrm{H}}$. consider the best mans of (1) securing obedience ; (2) ar:" tining attention; (3) stimulating to exertion.
5. Discuss goou discipline under the following headings:-(1) characteristics; (2) results; (3) motives to bo cultivated; (4) habits to be formed.
6. Give rules for the judicious infliction of pinishment.

## PRACTICAL ENGLISH.

## Examiner. -J. iz. Hodyson, M.A.

1. Frame sentences to exemplify the correct use of the follow. ing:-aggravate, ameljorate, calculate, clever, curious, galsome
2. Distinguish the meaning of the following :-ability, capacity ; bravery, courage; contenptible, contemptuous; diction, style; convene, convoke ; education, erudition; novice, amateur.
3. Detine allegory, antithesis, babbarism, solecism, climax, hyperbole.
4. Point out in what respects the following words or phrases aro ilicyical:-widow-woman, anxiety of mind, anthoress, ice cream, trifling minutio.
b. Correct the following sentences :-
(a) She poriormed her pronise of being discreet to admirntion.
(b) A season molu favorable to the ascent and spawning of fish can searcoly be imagined-certainly has never been surpassed.
(c) It would not suit the rules of art, nor of my own fealings, to writo in such a style.
(d) The riches of the templo gradually disappeared, but by whom, or when, is not known.
(e) It is a persuasion at which we all smile in ench other and justify in ourselves.

## MACBETH.

Examiner.-Joln Sealh, B.A.

1. Illustrate from Macbeth the following statements :-
(a) "Wo find exemplificd in every tragedy of Shakespeare some dominant passion, whose workings the poet depicts, and from which he deduces a moral lesson."
(b) "Shakespeare, does not believe in a sudden transformation of a noble and loyal soul into the soul of a trator and murderer."
(c) "Contrasts of character from one of the simplest ele. ments of dramatic interest."
2. Write notes on the following passages, explaining and commenting on the chief difficulties, developing the beauties of thought and expression, and bringing out the spirit as fully as possible :-
(a) To-morrow, and to-morrow, and to-morrow,

Creeps in this petty pace from day to day,
To the last syllable of recorded time;
And all our yesterdays have lighted fools
The way to dusty death. Out, out, brief cande !
Life's but a walking shadow ; a poor player
That struts and frets his hour upon the stage,
And then is heard no more: it is a tale
Told by an idiot, full of suund and fury, Signifying nothing.
(b) But let the frame of things disjoint, buth the worli sufier, Ere we will eat our meal in fear, and sleep In the amiction of these terrible dreams That shake us nightly; better be with tho dead, Whom we, to gaill our peace, hnve sent to peace, Than on the torture of the mind to lie
In restless ecstasy. Duncan is in his grave; Aiter hife's fitful fever he sleeps well; Treason has done his worst ; nor steel, nor poison, Malice domestic, forcign levy, nothing, Can touch him further:

## GRAMMAR METHODS.

## Examiner-J. E. Hodgson, M.A.

1. "The direct operation and use of grammar rules in improving our speech and making it correct, can hardly be said to exist at all."一J. G. $\begin{aligned} & \text { itch. }\end{aligned}$

Illustrate this statement as clearly as you can.
What, then, is the educational value of English Grammar?
2. Show how ynu would introduce a class to the knowledge of the functions of the parts of speech.
3. Givo notes of a shart lesson on word-building.
4. "Do not ask your scholar to write on mere abstract themes." Why not? What course should be pursued, and on watat grounds?
5. How would you mako it clear to a young class that the samo word may be used as different parts of speech?
6. You gave the diligent pupil a book.

In teaching a class the patsing of the above sentence, how would you explain to them the meaning and the propnety of the follow ug grammatical terms: - ?nd persen, strong conjng.dion, qualifying, indivect object?

## plactical.

## BUSY WORK IN READING.

Young children learn almost exclusively by doing. They camnot study in the sense of coming a book to make themselves master of its contents. Hence the teacher's art consists in devising means of keeping them busy which shall advance them in the oranches appropriato to their age. The primary teacher, who knows how to keep the children employed with interest in ways which contributo to their advancement in school branches, knows the art of teaching them. How shall they be kept busy in learning to read? (1) By means of slips of paper on which have been written words familiar to them which they are to build into sentences after models on the board. (2) By letters on slips of paper which they are to build into words according to models on the black-board. (3) By werdslips out of which they are to make new sentences, which they will afterwards copy on their slates. (4) By selecting from a colleation of word-slips those which they know; and correctly writing them on their slates. (5) By copying on their slates part or all of the reading lesson. (6) By making answers to questions given them on the black-board or on slips. The answers may be mado with word-slips furnished for tho purpose, or may be writton out on the slates if the children are old enough.-Wis. Jcurnal of Education.

## INQUIRE INTO IT.

No teacher who professes to be a seeker after truth can neglect an cxamination into the nurits of the Tonic Sol-fa system of teaching music.

The true teacher does not ask concerning a method, Is it the method of Socrates, or Ascham, or Pestalozi, or Page, or Parker, but he asks what true educational principles underlie this method.
Let us apply to the teaching of music some of the tests that wo would apply to other school branches. A teacher of the "Now Education" is asked: "Why do you teach arithmetic "" "That my pupils may have correct ideas of number and its properties." "For what purpose?" "For mental growth and practical use in tho business of life. But the "fossil" salys: "Oh, no! we teach aritimetic for $i$ 's tables, its rules, its processes." We are asked: "Why do you teach music?" "That the children may sing." "Why should they sa:s s" "It cultivates taste, is retining in its influence, is beneficial in monal training, and has high value as a means of physical culture." Up jumps our professor of music and says: "Oh no! singing is not the purpose of music, but that pupils may know about the stoff, about cles's and burs, crochets aud quavers and demi semi-quavers."
Why do we teach reading? That the child may get thought. Arithmetic? That he may comprehend number. Language? That he may express thought. If we give the child simply words to pronounce, he gets no thought. If we teach figures, and not number, through objects, he gets no true idea of number. If we give him grammatical rules, and do not help him to talk and write
he gitins nothing in exptession. Our methods aro founded on wrong principles, or rather, they are not founded on right principles.

If then, our purpose be to teach the thing, music, and we place between it and the pupil an array of symbuls, new and strange, and wheh only those succed in interpreting who make a life business of it, then is nur method objectionable.
The earnest, unprejadiced teachor will ask: "Is there no direct way into the 'Pen:ple of Music ${ }^{\prime \prime}$ - $W^{\prime} m$. J. Solly, in T'ee'hers' Iustitute.

## HOW TO I'EACH FIGURES.

Teach figures precisely as you teach words, by using the simple law of assoc:ation. Show a number of objects and write the figure. Write the figure and have the pupils show that number of objects. Show a number of objects and have the pupils write the figute. This may be done with each number from 1 to 10 inclusive. It is a good plan to have the class at the blackboard, each pupil having a marked-off space two feet wiac. The teacher may show the objects (of different kinds) and have pupils molicate the numbers they see by writing figures. The ligures should be written neatly in columns. If a pupil is inclined to copy, give him a column to write by himself. - Licchange.

## TRY THIS PLAN.

Let the teacher ash a question amd then sudidenly ask a pupil to repent it. Su, tou, call a puph to repeat an answer first given by another puphl, then ask another puphl what the question was that was answered. Ask a pupil a question and when it has been answered, put it suddenly to anuther pupil to be answered, without repeatimg the guest.on. All this will lead pupils to pay strict at. tention to the woih of the rectation. Questions are repeated and repeated too much in recitation, and the repetition, so to speak, hires pupils not to paty attention. In speaking either oral, or written, the word should be prononnced by the teacher and then by the whole class, and that should be the end of it. - Ex.

## Euncational sitotes and alews.

Mr. Angus Graham, of Ekfrid, has eng rged to teach in S.S. Nu. 3, Mosa.
Mr. Morrow, of Beamsville, is the assistant master in Dutton High School.
Mr. Wm. Bramton has been re-engaged at Winchester Springs at an advanced salary.
The Omemee High sehoul has nuw a larger attendance of pupis than has been hown fir many years.
Miss Ameha Pound, whe last year had charge of the Richmond school, has been engrged to teach in No. 14, Malahide.
Mr. Sanderson was appointed to the vacant Mastership in the Lundon Collegiate linstitute. He is a graduate of the Foronto University.
Mr. M. Mark, who attended the Elgin Model School last term, and obtaned at third-class certificate, is teaching the Glen Meyer. school, Norfolk county.
Orono Public School has in comection with it a flourishing Literary. Suchety. A recent performance, consisting of readags recitations and songs, was a great success
Mr. H. S. Deoggall has been succeeded in the Iroquors Public Schuel by Mr. Wim. Bunen. Mr. Duugall intends to tako up matriculation at one of the Culleghate Institutes in the West.
Mr. E. L. White who tallijht No. 6 Winchester (West Winchester) last year, will rest thas year. He is succeeded ly Mr. Casey Sinuth, (2ad. Cliass) whu will be assisted by Misses Edith Deach and Jane Johnson.

This year the Troguois High Sehool has offered prizes for compotitivn at the July Examinations. Tho attondanco is, consequently, somewhat harger than it wits last yoar. Staff:-J. A. Curman. B.A., and A. 'I'. Casselman, lat C.
Mr. C. C. James has beun appointed professor of chemistry in the Ontario Agricultural Colloge, Guelph. Mr. George Ward, B.A., late principal of Brighton High School, succeeds MIr. Tames in Cobourg Collegiais Instituto.

The large increase in the number of students now attending the Duminion Business College, Kingston, has compelled Messre. McKay \& Wood, the Principals, to tind moreaccommodation on the next liat, and ure long a now building will be a necessity.

Miss Springer, fourth teacieer in Goderich High Echool, has rosigned. She is succoeded by Mr. Georgo Sharman (First C.), of Clinton. The othor teachors on the staff are H. I. Strang B.A., Head Mister, Messrs A. J. Muore, 13.A., and S. P. Halls, B.A.

Miss L. Levey, a former pupil of the Kirkfield Public School, who was successful in obtaining a third class certiticate in July, 1885 , is now engaged $m$ teachung in the junior department of the village school and promises to make it a success. - Woudulle diducate.
The Colleginte Instituto board, Strathroy, is advertising for a mathematical master at a salary of 81,000 . Mr. H. D. Johnsum, tho present mathematical mastor, will take the sciense department now under the supervision of Mr. 'Tom, who contnaues in that capacity untul the new teacher has beon appointed.
W. A. Whitney, M.A., who for twenty-seven years controlled tho destiny of the Iroquisis High School has retireci from the teaching profession. Many of the mist prominent men of Eastern Ontario hive received from him the jinspiration and power for a 2 . oble life. His retirement is a real loss to the teaching profession.

Morrisburg this: car has an attendanco larger than it has ever befure had. It is cut impossible that at an early date it may be a Collegiate Institute. Its stalf consists of J. S. J.mimeson, B. A., Head Master, Modern Languages; A. C. Smith, Drawing and Mathematies ; Rev. - Bam, B. A., Classics ; T. Jameson, History.
Smin's Falls Hugh School is prospermg greatly under the Prunctpalship of Neil Robertson, B.A., formurly of the Perth Culleghate Institute. Tho attendance has increased from 20 or 25 scholars to 76, and in a few disy a third teacher will be added. We have no doubt that the school will present a good record at the examinations.-Perth Expositor.
Seaforth, with a population of 3,000 , and a High School of seven years' standing, aspures to the possession of a Collegiate Institute. If large attendance and effective work are the proper factors, Seaforth can show brth. Clinton $1 s$ also ambitious on the same grounds. It is sad that Indgetown High Schuol will be promoted shortly. Belleville should set up a claim also.

Mr. W. H. Bean, teacher of Scarboro Public School, gave at lecture in the school house on "Here and There in London." There was a large audience who appreciated the humorous mamer in which the lecturer described certain'personages, and his power of mimicry added considerably to the interest of the discourse. At the close Mr. Bean received a weil-deserved voto of thanks.

A currespondent of the Furest Free Press writes:-Arch. C. Sturrett, teacher in a school near Watford, was last week fined for punishing a buy too severcly or more than the lat allows. The boy was playing truant and when the teacher sent anothor boy to tell him to come to school he sent back a message which is too profane to write, and when he came to school agan received tho punish. ment which caused the suit.
On Saturday 20th inst., the teachers of Bayham will meet in Venma to orgamke a township institute. 'The following subjects will be discussed:-Laterature for the fourth class, first steps in number, first lessons in readiag, language and composition in junior classes. Friday afternoon, exercises. Reove McCally will give an address on some of the difliculties a young teacher meets, and how to overcome them.-St. Thomas Journal, Feb. 18th.
The Board of Educntion, Peterboro', has decided that non-resident pupils of the Collegiate Institute, pay a fee of $\$ 2.00$ a month. The Prmepal, Dr. Tasse, was opposed to raising the fee, being of opinion that it would canse a number of the pupils to leave, and fearing two boys frum Dyury, who ranked high in the school, would go, he expressed his willingness to pay for them rather than have them leave. Pupils from Ashbumhan are considered as residents.

The following teachers compose the stafl of the Barie Mindel School for 18S6;. Principal, 'T. O. Steolu, Assistants, Messra. R. R. Junison and Geo. Hunderson, and Misses L. D. Lee, E. King, E. Appelbo, E. Lee. M. Boys, A. Bird, A. Morris, J. Cal/well, E. Booth. Thore vero 33 teachers in training last session of Mudel School all of whom passed.

Here is a recino for liquid slating :
Shellac, 8 \%\%.
Lamp. black, 12 irnehms, Vitramarme, 20
Rotton-stone, $4 \%$
Pumicestone, 6 om.
Alcohol, 4 pints.
Mr. Arch. McPhaddon, a school teacher in tho township of Brock, recently had some ditlicuty with a resident of this section, mamed McCutcheon, and the resident wont to the schoul house, broke in the door, and assaulted Mr. McPhadden with a steck. For this offence McCutcheon was fined Sir and costs by Justices Brown and Gillesple of Cannington. The sciooll teacher is hired to do the lickmy, nud it is not fair for the peojle to usurp the teacher's prerogative. Whitby Chronicle.

Wo worder if people over appreciato the fact that tho teacher's life is not 0 . actly a bed of roses. The hours spent in the school room are but. small portion of the time that true teachers put upon their work. Ce nstantly their work is before thena. The weeds of individual puphs, the preparation of lessons, -for it is a poor teacher who does not study how to present each lesson-questions of discipline and method, sil kedp the mind active with thought upon the schnol duties. And yet we hear people who speak of the casy time that teachers liave. Perhaps they do, but it is remarkable how fow of them ever manage to find it. - Central Schoo! Jownal.

We hear so much about teachors co-operating with parents. Almost every educational paper suggests it. We heartily believe in it. We realize fully the necessity of it. We would insist upon it. but at the same time it might be guite as well to have parents occasionally cu-operate with the teacher. The teachor sburden might bo lightened in a wonderful way were he sure that the home influences would bo in his favior. A personal acequaintance between parents and teachers is a gond thing. Parents ought to visit the schools that their children attend. Too often do they condemn and criticize the teacher, his mamer and methor, without making the sloghtest personal ubservation. It is a decidedly unjust mode of procedure; though wo regret to say a commen one. - Central S'chool Journal.

A very helpful means of learning to spell well may be found in clusely observing the forms of words as found in all correctly printed books. The eye "once schooled to serve the brain" in this respect suon becomes skilful in detecting false forms, and takes actual pleasure in the ciercise. It is believed that many of our best Eughish scholars acgured thair habit of conrect orthography from this fruitful and accessible source. Wo wamt less mental gymuastics in "turniug down" in the spellmg class and more actual stady of word-forms with reference to the letters that make then up. We want to leave off teaching an amount of mere diall that the pupal will seek to forget, and begin to teach those things which he will wish always to remember. Wo want to leave off reguing the buys and girls to spell all the words in a given book and begin to teach them to spell the words in an ordinary letter. - The beducutional c'ourent.

Children's voices are abused in most schools. Teachers in charge of ciasses, who do not understand the voice, like to have enthusiastic singing. There is eredit to the teacher; it is a live class or school. Tho scholars are urged to more efliot : loud, hearty singing is what is wanted and strven for. Pewer is the first requisite in tho public estimation; to secure it, a cornet is brought into many a Sunday school. Give us a good, rousing blast! Singers, to compete with it, must sung louder. The sensitive, quick, and willmg ones respond as best they can, strong and hearty. "That's good!" says the teacher, "sing out!" Loud, coarse, vulgar shouting is understood to be music, and passes for the correct thing amung many of the most estimable people. Now it is this coarse shouting that is fatal botis to gond music and the vocal organs. J. Woullet, in the Sichoul Music Journal.

A successful Teachers Tnstitute for the teachers of Aylmer, Malahade, Springfield and South Dorchester, was held in the High School buldang, Aylmer, Feb. 6th. There were over tifty teachers School bulding, Aylmer, Feb. 6th. There were over fifty teachers
present, besides several menbers of school boards and others. The
f.llowing oflicer's were elected:-President, Mlr. F. Hanmond, dylne: ; vice president, Mr. Wm. Chambers, Springtield; secretary, Miss M. Arnohd, Aytmer; Iressurer, Mr. Rntherford, Ayluer. Committee, Messrs. Bundec, Warwick and Miller, and Misses Watt, IIusver and liaylur. Phe subjects disenssed were tho formation of is teachera' reading cirele; Geagraphy, introduced by Mr. Chambors, Principal of Springficlal Public School; Grammar, arising out of the question drawer; an essay by Miss Wiatt on "What :issistanco should bo given to puphls in preparing their lessons?" and "Friday afternowns" by Mr. Hamnevid. "hene next meetng will be held Saturday June üth.

A correspondent of the Whitly Chremicle, commenting on the recent Entrance Examinations, siys:- Fublt should not be found with auy bourd of examiners, but with the present system of exanining. In order to got equal justice the ame persons should oxamine al! the papers. The expense would not lo as great as under the present system. Each exammer gets three dollars per day for wateling tio candidates athd afterthads for valuing their answers. A set of examiners in Curonto would mark all the ansuers from tho l'rovince ${ }^{x}$ in less tham the aggegate days of the High School boards. Every candidate fur entrance ought to pay a fee of at least one collar for the payment of expease. Some fault has been found with the gapers. We do not thank the sty! of questions given too difticult. If the standard were zaised and the questions of a more practical nature, it would iacrease the efficiency of tho l'ublic Schools. Let our teachers know what is expected of them, and they are sure to come up to the requrement.

The Toronto School Board has regraduated the salaries of their teachers to apply to future appointments, and reorganized the plan of promotion. Lady teachens will have to commence with " salary of $\$ 300$, and the maximum after 10 years' ses vice is to be $\$ 636$. Promotions will be madu for length of sel vice by a tixed annual increase, and not by appointment to classes as heretofore. The appeal of the city lady teachers to be placed on an equal footing, is regards iemumeration, with the men who do equivalent work, was not entertained by the Board. It is possoble that such a question will be considered in the millenium, or perhaps sooner if lady trustees aro elected on the Schoul Buard. Why it is that the intrinsic value of a man as a teacher is worth mure than that of a woman who does equal work, witl: equal and often greater, efficiency, has to underfo the asme amomit of traimus, passes the same examination, obtains equal certificates, and so forth, is a matter that we should like to be enlightened on.

The Kingsville School although muversally achnowledged to be in a vely low contiition when the present Prinepal tuok chargo has achioved a front place anong the schools of the county during the year just close 1 The Principha is to be congiatulated on having passed the largest number of pupils of any school in the south riding of Essex at the entrance examinations duriog the year 1885 either in proportion to population or to the number of teachers employed. One of the pupils Miss Fanny Drake took the largest number of marks obtained by any pupil at the exammation. Also Miss Limie Scratel, not 12 years old till the middle of Mach. was the youngest successful pugnl under Mr. Maxwell's inspectorate. If any teachers havo passed pupils at at less age wo should be glad to hear frum them. At the Bupust Now Y ear's treo entertainment the Principal was agreeably surprised on bemg presented with a handsome present from the members of has class.
It is oftent the case the teacher of commry schools fimds himself with little or no black board surface in the schuol ruem. If he asks the trustecs to furmish him with these "tools to work with" the usual reply is that the appliances already provided are "grood enough for our district, "and that the pecedung teacherdad not think it necessary to make such demands. He is also admomshed that he must not be too extravagant in his requirements. In such cases, tho teacher must either procure the needed articles at his own expense or do without them. With his meagre salary, he does not care to incur much expeese, but he must have blackiboards. I have used a blackbond preparation which I fiud to be a most excellent thing, and much cheaper than ligud slating. I will here give the recipo, which I fuand m "Lakis Methods of Teachang in Country Schuols." "Take equal parts of lampblack and Hower of emery, and thin with a mixture of equal parts of bencine and Japan varuish." Two coats applied to as smouth surfaco will make a good blar'board, and the cost will be very small. B. W. Walliams in Oh: Country and Village Schools.

At present about 160 pupils are taught in the Woodstock Migh

School. Of these, ten are prepmring for first-class certificates, twenty-cight for secomd-chass and titty for thixdelass; tua uatriculation in latw, one semur matricalation in atso, four for junior matriculation, thee matraculaten in medicate, six for the Ontarm, Art School examuation. All in the jumur futus are pursuin: either a gelleat Euglish or Classucal cumese. Mure than half of those in' attendance are from phates beyond the town. The prestuas Head Master, D. H. Hi:ater, 13.A., Foronto Caiversity was appointed in Oet., ISS1 Mr. Strachun, previons Head Master, being rotained as Classical Master. also Mr. A. D. Gritlin, as Mathematical Master, and Miss N. Harrisun, Teacher in Drawing. In 185:, owing to the ;reatly increased attendance, it was found necessiry to add another teacher to the statf, and Mr. T. J. P'arr, Toronto University, was appointed and to him were assigned the Elocution and Commercial Departments. The exeellent work done in the school is evidenced by the high standing of the pupils at the Cniversity and Departmental examinations of the past year. Two passed the first years eammanions of Thrmato Coniversity, one matriculated in law. ten secured second-class certificates, grade $A$, five yrade 13 , and thirteen third class certiticates.

## Titcrarn © Chit-Clat.

The Citisen is a new journal published in lioston under the auspices of the "Americ.in Institute of Civics." 'lhis last is:a new word coined in much the same way as "politics," "pedagogics," ctc. The citasen is a double colamm, twenty-four page paper. It is well got up and the first tuo numbers give promiso of considerable vigor and ability:

Professor Huxley rephesith the February nomber of the liaceteenth Century, to Mr. Gladstunc's recent artucle.

A Washangton writer has undertaken to provelthat Bacon wrote Shakespearo's Somets.

Professor Preyer, of Jena, a prominent psychological writer and investigator, has no faith whatever mand-reading and has published a loיgs atticle giving his reasoms for his scepticism.

Professor Johnston, of Princeton, X. J., is writing a history of the Enited States from 1840 to tho.present time.

Captain Cofii.1, atathor of "The America's Cup," "Old Sailor Yarns," etc., and at present Yacha Editor of the New York World, contributes tol the abirch Uutong the first of a series of papers on "Elockade Ruman; during the Civil War." MI. J. Burns will illustrate them. It is not generally hnown that C.iptam Cuflin was preseat at the inonitur and Merrimat fight-The ifect:

The views of Heary George on the suliject of free trade, which have lately appeared in a syndicate of papers including The Toronte Gl.,le. wil: soun be published in book-torm.

A leading writer in a late issue of the" ${ }^{\circ}$ ech, discussing James Anthony Froude's new book, delivers himself of the following reuar'able opinion and predection. "Mr. Fronde accepts with too much complacency, I think, that: idea, which the genius of hastory will unt day arenge, that the revolt of the smerican Colonies in tl.e last century was: justitiabice and peculianly EEnglish 'proceding. A uke argument will some day be used, with bitter emphasis, to jus. tify pertaps another rebellion, which will not be less miguitous nor less unjustitiable:" The writer seems to forget that Froude wat wroting m the Aliactecnth Century.

Ginn of Company will jublish by September lst a course of easy lessums in Science, conshating of three small text-books, andapted from the course of Phal Mert, recently Minister of Education in Fizunce, and diesugned for use in common schools.

## Corresponoctice.

## TWO WEEKS WORK.


Drak: Sur, - Euclid tells us that triangits on the same base and between che same praraltels are ejpual (int:rea). Now, I have worked day and night for two wecks froveng the truth of his theorem, arithmeticall!

In the right-anged trangle whose hase is $\overline{\mathrm{T}}$, perpendicular 12, and hypothenuse 13, if we extend the base and draw through the veriex a parallel ; betwen these parallela and on the base 5 we should suppose there are triangles whuse sides are rational and
| Whose ancas are 30. The generalization of tho solution of this problem was the task I proposed to myself. I figued till the ligures tarned eel-a beautiful red, but a painful one. The fraction expressung finite sides are in handreds of millions. I nsed diophantune analysis in order to get zational values. I do not see ats solu. , tion is possible without this analysis. I started the problem as at mere recreational exereise of the abovo analysis, sut I would not tahe $\$ 100$ and go throuigh a similar diflienlty. Should anyone wish to correspond, my address is,

## John Ineland, Fergus.

## THE PENALTY.

## To the Eiditor of the Cavida School Juunsid:

Dralt Snk,--The unpleasant consequences of connecting education with politics in the person of a Mmaster are often croppug out. lethaps no clearer example has transpired than that furnished in the correspondence of the Mal of Fob. 22nd, where "Junas" makes one of the most shameless attacks on the character of a lady teacher for the purpose of gettmg a slashat has politied opponent. Such a venomous libel would have been almost impossible if educational afficirs had not been dragged down into the miry depths of party politics.

Yuurs truly,
Pumty.
Walsingham, Feb. 2jth.

## AUTHORIZED TEXT-BOOKS.

To the Editor of the Camada School Jothral.:
Sin, - The repeated interrogations to teachers un the subject of this letter, the threatening of fines and withdrawal of the legisla. , tive grant, seem to imply that the teacher has somo definite neans of obtaining information on this subject ; but, if such is the case, I have failed to discover them, although I have been nearly nine years in the profession. Once upon a time a list of authorized text-books wis sent to tho secretary-treasurer of each school section, but in most cases it has been luid away 11 some forgotten corner, to bo discovered by diligent antiguarrans in futuro ayes. When were
teachers ever supplied wizh such a list? Not since I became one; and yet they are the only ones to whom parents apply (sometimes)
before purchasing books for their children. We know that tho Canadian drawing books aro authorized. We are also aware that the new Ontario Ifeaders are authorized-painfully so in the case of the l'art I. and Part II. Ent with regard to the anthorization of buoks (modern books) in other subjects we are left where Muses was wien the candle went out. However, we are repeatedly in formed that " no part of the legislative grant can lawfully be paid to schools using unauthorized text-books," and that teachers who permit, their use are liable to bu fined by a magistrate. For soreral wecks I have been trying to discover what books are authorized in certain subjects. From one source I obtained the information: "The list is not yet out of press"; from another, "There is no change" at last i have received a list published in 1884 from a fricud who considercd uly need to be greater than his. Wonld it not be better for the Education Department to have such a list printed on the covers of the new registers, so that teachers could possess the latest information on this subject? It is all very well to quote the legal maxim "I guorantia leges non excusat," but when the teachers are semiammanly confronted with the question, "Aro :uy unauthorized text-books used by the pupils?" I think they have a right to ask, "Which are authorized text-books?"

I inn, sir, yours truls:
Thomas Packel.
Lake Opinicon P.O., Feb. 20ih, $1 \$ 50$.

## THE SCMMEIR HOLIDAXS.

To the Eilitor of Tur: Cavaba School Jolmisal,:
Drut Sin,-ll was very alad to see an article in your last number in regnrd to the proposed reduction, hy nearly one month, of holidays for our teachers. You treated the question in one lino of thought, and certainly fully showed psychulogical canses why these holidays should not be curtailed-reasuns, many of whech will be classed amung sentimentalisms by the propossers of the scheme, tho "Grey Fathers." 13:t, sir, there is another light in which we ought to be allorred to look at the matuer, and one in which these gentlemen may possibly bo more comversant than in respect to the montal wants or powers of children-I refer to the business side of the question. When an adrertiscment appears in our papers, the apphi-
cant offers his or her services for a delinito payment, with a distinct
understanding that the "common custem" of the tride or profosion will be ndhered to, in regird to length of working hours, unless sume special proviso is anmexed. A salur will expect to be on duty for the whole seven days, a clerk for six, and a teacher for five, unless, as above remarked, some excention is made. Now, all our teachers have been engaged, I presume, m this way: I know that it is su in my own case. I have to give ten months work for a certain fixed sum, say $\$ 360$. It seems to me, then, that this amount is due to me on the completion of that duty, and that I should be paid at the rate of $\$ 36$ per month for each working month. In order, however, to accommodate the trustees, the work still remains for the period of ten months, but the payments aro made to extend over a period of twelve months at the rate of $\$ 30$ per month. If I am right in this surmise as to the true reading of the unwritten agreement, I should be glad to know why the teacher is to give another month's service for no additional pay ? In what other profession would the employer ever dream of asking such a thing? And yet the proposers consider that "the holdays aro too long to pay for the teachers' being idle."

Another practical point is, "Would more work be dono in the courso of the whole year by cither pupil or teacher?" This must be proved in the affirmative before any such change could be conscientiously recommended to tho attention of the people of our province.

I strongly suspect that the "Grey Father" who set this ball rolling is troubled with a large family of active and healthy buys, for whom ho finds it dificult to obtain means of employment during the latter halio of the "long vacition:" Thero is certamly in many cases a just cause of complaint in this respect in many of vur households. Hut carry the dea another step back, and will not these complainers have then a little sympathy for the teacher or teachers who have lad to bear ten months anxiely and worry on account of theso very restless beings who tire out their own parents in one munth.

In conclusion, Mr. Editor, I can only congentulate oursolves that our "Peel Fathers" have been educ.ated to a higher standard of moral intelligence and apprectation in regard to cdncation, and hope that the teachers throughout the Provance will be unannnous in their opposition to this change, unless it comes with their own cousent.

I aui, Sir, yours faithiully.
A Peel Teacher.

## Question Bralucr.

## Qubitions.

Editor Casama Scuool Joursal.
Dear Sir, -The following question has appeared in papers set by the Education Department; will you kindly auswer it \%:-
"How do you accumat for the warmeth of summer in our hemisphere, alchough che carth is farther away from tho sun than it is in the winter ${ }^{\prime \prime}$

Bruce Minas.
R. H. C.

Dear Sur, -Pleaso infurm me (if your space allows in your next issue) how to kuow what looks ate auchorized for the Public Scliouls, when there are so many which have, at one time and another, been authorized by the Education $D_{\text {epartment. }}$

Lavender.
W. F. Roscu.

Will music be reguired from candidates writing for the next entrance "xamination?
Niosth Augusta.
Sferer.

1. In siviug a promissory note what differenco mould it make whether you wrote " Bearer" or "Order !"
2 In in note "nogotiable by indorsement" would you not indurse it by writing your uame upon the hack of the note; if so, what is the difference between this and backing it?

Hinch.
A. B.

Findly answer through tha columms of gour valuable paper:

1. Whether the Govermment muncy can be drawn for the nonresident pupils by the sectoun whel they attend?
2. Can the mie-payers of a soction compel the trustees to impose an admission feu an ann-resident pupite, or hold them respunsible if they do not charge it?
Brighton.
Cabtaer.
3. Cuuld you, or your readors, suggest, or frame, a good timetable for 2 school of fivo classes, from liret to fifth 3
4. Stato how much time per week should be given to each subject usually thaght in a country gehool.
W. H. J.,-Hespoler, aud C. B.,-Cranbrook.
5. What is thas bort work to ase to preparo pupils for entrance cxamination on Orthogr.tphy athl Urthoepy
6. What is the natuo of the spullang bouk now authorized for use in the Public Schools?
7. Will Canadian History be required for ontrance examination next July?
Parham.
J. A. 13. Asswens.
1R. H. C.'s question is one of a class we would like to seo more of. We leave it to our readers.
W. F. Roscir.-II you are in doubt abort the athorization of a bouk your school Inspector ought tos infurat you which is the ono agreed on by the trastees and himseli for use $m$ your sehool.
"SEEker" - Music is not mentioned in the fimt of studies for next entrance examination.
A. B.-1. When mado payable to "Bearer" the holder may draw the value of the note without endorsement. It is necessary to endorse the note wher made payable to "Order."
8. Consult Webster's Dictionary.
"Cartien."-The school law states that "for all matters nffecting the divisioa of the lejslative or municipal grants, non-resident pupils shall be reported as attending the Public School of the school section in which they are actual resudents."
9. Tine trustees cinn act independently, as they decide by a majority of the Buard. Few trusteos care to advance their own opmions in opposition to the general wish of the rate-pryers. So long as cheracts aro upheld by tho luw they canot be held respomsible.
W. H. J., and C. B.-Wo ask the Public School teachers among our readers to furnish a good thane-table for an ungraded school of live classes.
J. A. B. - 1. O. Orchngraplyy, Gage's Practical Speller; on Orthoepy, Ayres' Urthoephst.
10. The Canadian Spelling Buok, a Companion to the old Ontario Readers.
11. It is not mentioned in the limit of studies. (See last issue of Jourisal, February 15th.)

Answer to "Pealk," Wallace, N.S., given in N゙u. 1, Jan. 7 Th, 1880. Sumplify :-

1
$\bar{j}=-2$
$\frac{11}{35^{2}}=0203333$
$-\frac{11}{50}=000704$
11
$7 \div=000020114$
$+200704$

- $020!353445$
$-171350553 \times 20786$

I have not scen this sums in the bnok. bat suspect it wrongly given, cither by " Pembl" or hy the Jounsiar.

Solutions to question given by "Kimk" in Jovrival Nu. 3, Feb. 1st, 1836 :-

1. Difference in time of completion accurding as the boy' or the man commences the work $=0$ diay; then it is evident that the man dues just twices as much in ai diy as the buy dows f hence logether


2. The boy does the whrk in 13 days, $\therefore$ the boy does IIf of tho $^{\prime}$ work in 1 day.
The mand does $\frac{1}{2}$ days work more than the bny. $\therefore$ the man dees


$\therefore$ they do tho work in $\frac{2 n}{3}$ or $\}$ days.
"Surschinzr," Niuva Scotia.
3. Since it thees half a day longer to completo the work when the bry works the first day, the man must do twice as much work eath day as the buy.
$\therefore$ the buy.in 1 day dues $\mathrm{I}_{3}$ of the wo:l, and the wan in 1 day doey $1 \frac{1}{3}$ of the wort.

Buth in I day do is of the work

12. 11. C., Bruce Mines.
4. Use the symbols, $b$ for one day's work of buy, and $m$ for one of mam. Then the series of altemations stand thas:-

$$
\begin{aligned}
& \text { 1st.-b. m. l. m., ete. } \\
& \text { 2nd.-m. b. m. G., nte. }
\end{aligned}
$$

Take the finst $b$ from lat., and the two series now are simtur but 9 ad. is $\frac{1}{2}$ of uncoof the symbols longer. (See questani).
But a syinbol $b$ was taken from the 1st, $\therefore$ this $b$ must form the equivalent for the extra half symbol of the 2 nd.
Now it is extlent thas extrat $\frac{1}{2}$ symbul cannot be 16 , fur then $b$ would be egual to $\frac{1}{2} h$, . it must be $\frac{s m}{} m$, that is $b=\frac{5}{5} m$, or 1 dia's work of boy $=\frac{1}{2}$ day's work of man. The remainder of the solution is unnecessary:

## A. P. W., Simcoe,

In No. : it , Oct. 15th, 1885. "Stunent" gave the following equation. It was not original, as we reoollect having seen it some Years ago. .Our readers favored us witls varivus solations and "Stenent". seemed s.tiofied, judging from lans silence. We have seen amosher solution. whech we chip from an Anerican comemporary, Th - Vodeddor, and as at appears ta be very neatly worked we rejreduce it fur the entertamment of vor mathematical friends:

$$
\begin{align*}
x+y=7  \tag{1}\\
x+y^{2}=11 \\
y=7-x^{2} \tag{3}
\end{align*}
$$

sulistituturs in ;2) $x+49-14 x^{2}+x^{4}=11$ (ij)
arsanging $\quad x^{6}-14 x^{2}+x+38=0$
factoring $(x-2)\left(x^{3}+2 x^{2}-10 x-15\right)=0$
divilung by Znd factur $\begin{aligned} & x-2=0 \\ & x=2\end{aligned}$

## J. M. Ballov, Olsego.

The folluwing problems, for which I have solutions, will, I think, be foumd useful to those prephanac for toacher's examinations.
Factor:-

> I. $a^{2}\left(b-c^{3}+b^{2} c-a\right)^{3}+c^{2}(a-b)^{3}$.
> II. $a^{3} b^{3}(a-1)+b^{2} c^{2}\left(b_{1}-c\right)+c^{3} a^{3}(c-a)$.
> III. $\left.{ }^{2}(b-c)+\operatorname{li}, r-a\right)+r \dot{(12}-b 1$.
> IV. $a b(a-b)^{\prime}+b c, b-r_{j}^{j}+c(c-a)^{s}$.
> V. $\left(a-b j^{2}(b-c)+(b-c)^{3}(c-a)+(c-a)^{3}(a-b)\right.$.
W. W. Infland. Pefferlaw.

## © cachers' association.

Nombolle.-The teachers of Norfolh met at Sumeoc on Thursday anil Frulay, the the and 5th Felronary, There was a large attendance buth days. Jr. Meleclan tonk up, the subjects of " literature" "The Art of Unestioning." anul "The Tmunine of the language Facnlty," and on Tlursiay cic aing he lectured to a large audicace of teachers and others an the sthiject "Critics Criticised." llis services throughout were highls appreciatal by all. In ahlition to the foregoing, some gond work was ilone hy the teachers of the county. Mr. W...A. Hillips took up "Sinuple Fquations" "with at class). A. G. Mckay, M, A., gave a valuahle japer ani drill on "Orthoepy and lhonatic Spelling." Mr. J. 1. Huck controluted an excellent paper on "jiscipluc." Mr. W. H. Carpenter. in has adilress on "Musue m Schools," gave some good hints on the suliject. Prolialily the mupressinn male ly this addrcas inon wined the teachers in their clioice of a Presiticnt for the year. D. S. faterion, 13. A.. veis protitalily dase uxsed some cxtricts froin one of the chlucat:onal nords in the lustitute library. Mr. Wadsworth, I. I'. S., :ave a practical whil !umely adilress on "The Teaching of Writing."
 lisrulice. Tuc treasurer's sepuort showed a halance of 590 on band. The fullowing olijecm were elected ;-I'resi-lent, Mr. F: M. Carpenter: vicefollowing Mr. A. C Mcking, M. A.: secretary; J. W.Stitt; treasurer, Fi. H.Suith: correspmanlang. stotetary, Niss Ko. Wells; delegate to Iroviacial Assoctation, 1h: Wi:ulswertit.

## Litecary Revicus.



 "Collew" Series of Gruek Anthors." It dealy principally with Homeaie
 be jurused with derp interest by every. clasvical reador, although overy pace is readiable, the chapter on Honuerice Style is the meset valuabla and atitrictive. We kubw of un treatise that deals with the stiljectsts of this little inok with equal clearnges and attractiveness. No stadeat of Homer, to suy nothing: of teachers of Homer, can afford to ba withont it.
P1,at. - Apohoor of Sceantes: asa Cumto. Edited by Lmis Dyer, assistant Phofessor in Hurvard University. Boston: Githa © Cu. 1esj. 20t p.p. Cloth \$1.25, D'aper, 9jets. Phis is nuother book of the aresdy famous "College Series." It has a seholarly Introduction of fi pages whichs fives a brief sketeh of Greck philosophy, an acconnt of Sourates lifo and charater, a well writhen life of Plate, analysio of the "Apulugy" and the "Critu." and a valuable addeminm on the Athenian Courts of Joth: '1ho foot-notes are aerther tor many nor wo few. The text, as in all the books of this serics, it is a delight to lychuld. No myopsts chil foliow the study of these "Collerae" books.

Ethabrs Bacchasils. Editedly J. T. Beckwith, PafessorinTrinity Collere dext Eidition 130 ton Gi-1n C Co., 1885 . y,p. ji, Daper 20 cts. This little work also belonse to the "Collige Series." it contaiי"= o..!y the tevt uf the play and is antended for use in the class-romu and at exam.
inations. An edition with notes is ulso miblished simitar to the "plato." Ginn \& Co. arre giving a new and rich lease of life to classical study in Ammrica by the neat and selmarly fublications which they ure pouringout.
 Msers .a.M. Gith it Cut hoston. \$1.60; Infroductaon. Texthers who daily read thin excellent bosk will enteh the rare charm of ats simple, braphic, set tharuahhly judichal style. They wall simn get thold of the topiral mellud of treatinjo listory so as to make it a liviug power in their
 of anonthne into well conanciled and descriptive norrative. Aftar careful examanation we promonace this the best school hastory al the knal that has been lronght to our notice. It has indeed great excallencies. The majs ald the typoraphy are supert, but the penerad sityle of the metter rivals Lrecmanis hest writing and is a mudel of axcelloner. the story is hought dow: to 1585 and the closini: 1 nges on " The New age "are of special in. terest.
 1. S. Barnes if Co., Nrw Hork de Chicago: Williamsonse Co., Toronto.

Unlike tho grext maj rity of hrief "histuries" this book ean be read. It is an astonishing fact iliat thou;h deaigned for a Schowl llistory there is in its substance, its style, its neshod, its pictures and ite maps thxt which chains the attention of him who oyens it, be he old or young. It is n diffie:nlt thing to condense history withunt robbing it of all hum an interest. The dead enst is dead. Talk of its heroes, its conquerors, its thinkers, its knaves or its fiols as we may, carth and ashes as all that is left of them. "The dull culd ear of death" liced + notour censureor our prase. Whea we sympathise with historical clisracters, we are the victibs of an illusior. Our hearts warm, our adniration is kindled, but it is all for $\pi$ shidow and tho transient emotion vanishes as our self-conscionsuess assert, itjelf. So too even the great struggles of history are fow dead issues. 'lice momenthas result fought for ly our forefathers is mo Jonger in tho dim nud clondy future. The event has issued forth from the womb of time and the probleng has become a fact.
To write history therefore a scenic artist is needed, ono who can piepple our ing gination with the whayes of thing that once were, that can clothe the blearhing honcs of Ezekiel's Valley, and rouse oblivion from her lougs. longe slectl. Parknian, Maceulay, Prescott, Carlyle, have doue thit. But wo accomplish it in a brief alnort history is possible only in a minor degrece. The cantass is too small for the picture.
Another element in history is persyective; to ol,tain a just viow of a wide laulscape we must look at ir from a distance. Montreal must be vieved from the moaretin. Thence it je that writers such as thoco named do mat five just historical news. The reader of the "Jexuitsin North Ancrics" or "The War with Pontiac" has very alsadowy notions of the comparative : mporance of tho scenes sorvividly depicted. It is in this rexpect that the - Isrsef History" before us is expectally valuxble. The whole flastory sf the Vated States an divided into six great cpochs: 1. Early Scticinent, 2. Pmo gress of the Culumes, 3. The Revolutionary War, H. Developmen, 5. The Cisil War, 6. Reconstraction. The events uf each ejoch are grouped so as tw preseat th the stadent $\equiv$ clear view of therr relative amport anco.
Nor is Geopraplyy, the handunid of history, neplected. A large number of very leantiful maps and diagrams of battle-fields are supplied renlering it esesf for the reader to keep the sense of locality constancly present with him as he reads. There are also numerous illusirations most of which aro of arustic valuc. There is also a blackbonrd analysis of eacls ep:ch, which would lie very usefal to teachers. The notes scatiered copiously simmugh timn wark are very miereating and the appendix conksins the $"$ Consthumon of the Urited Stites" The Grok is beautulty bound in cloth and gilt ard is certainly a very complete and astractive volume.
The d fects are such on only a fureipner wondd nolice. Tha American Fianlc is not momest biri, nor a truthfal one. We liave alvays ragerded Inndy'n Lane and Qucenston Heights as Cansdian vic\&orice. This Hismory however thnuws new light on the matier and clams the victory for the Americana. So with other, hithes, tho Lingle cxrries all beforn him. The Americasi Nintion it hag enough and strons choagh wo renfict this tonio of hes кnperfluoua. The moral licalth of joung Anerica hardly needs this false jrop ang longer.


[^0]:    Wri the Halliax Herald; reprinted in thase columat of request.

