> $2 x^{2}$

Oain former occasion，we laid before our readers a brief account of the pltan of educa．
tinn proposed by the．Helvetiat teacher，Pes－ tinn proposed by the Helvetian teacher，Pes tiatterz of his pupil Chavannes＇s book in ex planation thereof．Our Grienid Murry＇s ba bourn to facilitate instruction，are mentloned
in Hex．I．vol，4．p． 307 ，and in Hex．II．vol． 2．P． 83 ；and Mr．Webster＇s efforts to facili tate knowledge，are noticed in the 5th yelum
of the same Hexade，p． 72 ．Nor have we mitted to make what are considered suitab remarks，in displaying the natural
Mr．Dufief，Hex．II．vol．2．p． $4 \geq 2$ ．
IF．Dunt，Hex．II．vol．2．p． $4 \geq 2$ ．
Fiaving heretofore given the origin of Pes－ tallozzi＇s institution，\＆a sketch of his systern， we have now an opportunity of announcing
the arrival of one of his disciples and fellow
lithourers in this country．This person is Jo－ labourers，in this country．This person is Jo－
seph Neef，who carne to Pennsyivania on the nivitation，and under the protection of Willi－ am Maclure，Es
ted the original seminary at Yveroun，and
beheld the scholars of Pestallozzi pursuing beheld the scholars of Pestallozzi $p$
theit course of tuitionunder the ir mast
He was so fully convinced of its superiour ease found a school upon the Pestallozzian princi ples，in his country：and he accordingiy en gtged the writer of the present book to migrate
to Philadelphia，and to prepare limself for a
practical display of his skillin or near that city． practical display of his skill in or near that city．
Mrr．N．has employed himself，since his arri－ val，in learning oar language，in composing the present work，and in $m$ ．Fing arrangements for
receiving the requisite number of boys for in struction．
shall by no means exceed forty；and as soo as be procures them，he will enter upon
business．He will receive none nnder six， business．He wise of age．If they are totally
aboveeight years of a
ignorant wfiren they are delivered to him，so ignorant when hey are detivered have learn－ much the setter，for will be obidged to forget it，in order
ed，the to learn it aguin in his own way．He declares
that the grave，doctorial，magisterial and dic－ tatoriat tone shall never insult their ears ；tha they shall probably never hear of a cat－o－nine－
tails；and that he shall be nothing else but thei tails；and that he shail be nothing else but their
guide，schnoliffellow，play fellow and mess－ mate．He believes that for the first year；the
stadies of his pupils will ocapy four hours o the day．They will be conducted considera－
Hfy in the open air ；and the portion of life
from the sixth to the twelth year，will be chief $1 \%$ occupied by the esercises
What now，it will be asked， of education about to perform？How does h intend to proceed with a number of boys，for an uninterrupted course of six years applica
tion？And wherein does he differ from the sumerous tribe of his piredecessors and cotem－ poraties in the subjects or the modes of pueril
ghstruction？We shall endeavour to state in instrnction？We shall endeavour to state in
？concise manner，the method of the author，a ve collect it from his publication． ve collect it from his publication．
Education is defined to be the gradual un
folding of the faculties and powers which Pro folding of the faculties and powers which Pro－ MrN．will not teach his pupils any new things but they will acquire under him the knowledg
and of old things in a new way．No attempt is
made to introduce any thing into the learner made to introduce any thing into the learner
but merely todevelope what the instructur finds him．
In executing this undertaking，he does po
eegin with the alphabet and the spelling book begin with the alplabet and the spelling book．
Thespare reserved for a more advanced part of the course．His first care is bestowed upon
thenner of Speaking and the use of Speech， man knowledge， 1 aplion to the four orders of hu－ 2．our memories； 3 ．analogies，and four the $e$－ vidence of other persons．His mode of pro－
ceeding wihe young beginners is thus exempli fied．The human body may be the subject of
conversation．They are taught to fix their They are taught to fix their at
external form，not on its inter nal constitution；to divide it into trunk and
members，when an object or a part thereo merpors，when an object or a part there
is sbown，to name it ；and when the name connection between two parts of a thing， connection between two parts of a thing，
between a part and the whole；to examine th number of every thing they see；to point ou
the position or situation of an object；to di tinguish the qualities of opjects，especialiy their
form or shape ；to note the vagious functions performed by organical bodies and their parts the maay things which su－round us ene of where；to point out the resemblance between two objects presented to us；to discover the
difference between bodies ；and to practise the art of describing things in plain，exact and pre－
cise terms，He next makes them acquant with numbers．Not，howvever，by the common numerical cyphers，but by sensible objects，such as beans or marbies，and a calculaing appara－ tus of great simplicity，by which he renders them both ready and cofrect reckon third step ho takes is to render the flgures and proportious of geometry familiar to his schio．
lats．Thls he accomplishes by diagrams and models of his own；and after the elementary madels of his own7／and after the elementary
partzohall have been thus illastrated and com－ prebended，he prefers the micthod of Legendre
to that of Eqclid，for the remaiaing branches）coorne is to cootenplate him with anh his vice｜ comslats in teiclipg boyn to delineate figures，
or in other words，to Take then proficients in the ateof draiving－To make horozontal lines，
to divide them into equal parts，to croff thems by vertical liaes，to form rectangular figures， cones，cylinders and pyramids，wif be th ses they will pass on to the more difficult and exquisite expressions
and artificial bodies．
Thus far this bold instruetor conducts his ittle learners，without any abithy to read， write，or even say their letters．He will ren－
der them good speakers，arithineticians，geo－ ineters and limners，before he introduces to Their acquaintance any species of literary per－
formance，even the horn－book．And，when formance，even the horn－book．And，when
he is about to initiate them into the mysteries writing，before they are tauftht to spell and
read．The practice of drawing mathematical and other figares，is an excellent preparation
for writing．In the method of nature，writing must have preceded reading；and as writing
existed before there could possibly have been a reader，so in the Pestallezzian plan，the for－
mation and connection of the letters must pre－ cede the knowiedge of their uses and powers．
As soon as these are acquired spelling and As sond as these are acquired，spelling and
reading any writing，and give the
teacher an opportunity to unfold the produc teacher an opportunity to unfold the produc－ ving them by written characters，and of coml－
bining the letters into syllables，syllables into
wiords，and words into sentences，with so much skill as to express the most recondite as tvell
as the most obvious thoughts，in a manne that shall be intelligible to a person who shall
be separated by the greatest distance of time and places．
The sixth great object of Mr．N．is to ren－
der his boys granmarians．But he roundly
rejects ail the braks of gramman jects all the books of grammar as unfit to be
$t$ into the hands of learners．He disclaims ilations as magazines of lumber and trash． Ie makes a grammar of his own：to consist
f three parts，ideology，lexigraphy and syntax He divides his ideology into four sections，or
four classes of words，substantives，adjectives， four classes
conjunctives
nishes all th
nishes all the ordinary parts of speech，as th
are termed，utterly from his presence．Thus
ideology will make thern acquainted with the materials of speech，lexigraphy shal
The seventh department
hod consists of eethics or moral discipline Considering all systems of religion as compo－ ed of two parts，their dogmas and their mo－ exist between religious societies originate i matters of doctrine，rather than of practice
he refuses all interference in the articles faith，or pecuiiar tenets of any religious sect
But he frames for them a manual of morality， $r$ an ethical catechism，by which they are ructed in the knowledge of themselves，the ${ }^{4}$ Creator．The examination of their facul cies winl lead to a discovery of their rights
and these will conduct to a developencnt 0
their duties and social concerns Natural history occupies the eighth plac Instead of making his pupils masters of mere oomenclature，or adepts in any particular clas sification or system，Mr．N．proposes to en－
courage in them all manner of attention to the various species of animals，to the changes of the atinosphere，to the different forms of wa
ter，to soils，earths and stopes of every kind，to the numerous familien of plants and vegeta－
bles，and to every thing that the face of crea－ tion presents to an observing eye．The in
tructor encourages his sholar to scrutiniz every thing；and in his turn he explains to
them all that is necessary for them to know concerning the specimens they present to him for his opinion．
Chemistry．This he follows next in order is mon processes in the arts，and from the oom－ tions going on every day in the great laborato
ry of nature．And he performs the part of a ready and faithful interpreter in expoundin The kithen fire，the ckimney，the boiling o
the tea－kettle，a snow－ball，a framment of ice， a plate of soup，are，each of thein，subjects
useful discussion．The true theory of hea
and cold is derived from，the observation of dinary phenomena．With these，artificial ex periments will be duly mixed or discreetly in Gymnast
reated of is boys to an exart employment．He train cle，joint and limb．He forms them into com arms，initiates them into tacties，and teaches hem the art of slefending chemselves，their Verties，their possessions and their friend
against assaltants and invaders．And he jus
tifies this procedure from a conviction th
hete ever has been，is now，and ever will thete ever has been，is now，and ever will be
great mass of error，mischief and crict gainst whel a prudent rotan ought to provide and benevolent visisonaries，who are ever juds ing of man in a sort of a bastract state of per
fectability，such as they zösh him to be or cetability，such as they züsh him to be，or they think be outght to be，our author very cor
reculy coocludes，that the wiser and safo

## he treats of the learned languages．Andi i

 Greek tongues，as neither pecessary nor use－ful to a ratoonal cducation，nor，to a ratiopal nan．Though he consents to teach them to yet on no account any further than to under stand and translote the writings of Ciecros，De osthenes，Honger and Virgit．In explaining ses some severe strictures upon Mr．Durtis． Vafure Displaged．But on a point in dispute Musi

Lusic is treated of in the thirteenth， ry in his fourteenth，and geography in his fii
eenth sections．The most umstance relative to the former is，that he gamut；in respect to the second，he is $v e$ the latter，opplinsists that his pupils shall make further lesschis upun a that he will give them

Lexicology is the knowledge of which h the right asd true meaning of words．The
causes of the misunderstand as to langurge，are referred to， 1 ．our not ex 2．our not chlling things by proper names；an our not knowing the real power of the word we employ to express our sensations and sen
timents．He considers that his plan of edu－ aclude a chapter or treatise on the science words，or lexiculogy．In this he attempts t
trace compoutnd words to their fadicals，an criticises Mr．Took
Wuse of，etymology．
We concluda
We conclude by quoting from Colonel Du
ane＇s letter to Dr．Mitchill，a sentiment con ＂I his work

## k：

Neef＇s Syst Education；if not，peranit me to send you on and invite your curiosity to a perusal of
ihree times．This is an apparently whimsical quest an increase of admiration tines myself． understanding of the human mind，as well as of the degeneracy of the human intellect for
long course of ages．We shall set the system n motion here this summer；and if we can only keep it going one year，the nation will the mines of Mexico，or than


## Pride of the Land and patron of the Scas．

## interesting to farmers．

It is now sufficiently certain that the horse－ grubs，by which so many valuable hor－ eggs or nits，which are deposited chiefly on the knee and back part of the shoulder of the horse， by a certain species of fly．The fly is called
Destrus equi．These eggs or nits become ripe in the course of 4 or 5 days．When thus pened the slightest application of warmth and moisture is sufficient to bring forth，inan instant form．latent larva，that is the insect in the first form．At this time，if the tongue of the horse
touch the egg，its litas door（operculum）is hrown open，and a small active wopm is pro－ face of the tongue，and is from thence conveyed with the food into the stomach．
Any person who choses，may reduce it to eta few hairs be clipped off having these nit adhering to them－moisten the inside of the hand by the application of a little spittle，and
close it upon the nits，and the will find them It is therefore recommended，to be careful It is therefore recommended，to be careful
remove these eggs by scraping them off with knife，or washing them off with an infusion on in which they－are deposited． ruction，which is made by this hat the de may be completely prevented．
A pint of tar，warmed and given to a horse deeply affected by the grubs，is lately recom－
mended as an effectual remedy．We think it probable，that this article，by its adhesive qua－
ity，may so obstruct their organs of respirati．
on，as to distress the insects，and cause them loosen themselves from the stomach．I would tend to convey of，before they
ver from the emparassment occasioned
 The Agricultural Society of Philadelphia，
fesirous to collect facts on the subject of fruit
and fruit trees．will be much obliged by an and fruit trees will be much obliged by an
swers to any or all of the following queries． wers to any or all of the following queries，－
 2 nost certain bearers
2．Which are those coming soonest to－ f those aimes of blooming and，riperif 3．Which are the hardiest，and most eto？ penpagaied ；and the differen
uire $;$ and the times and man and propagating，both as respects state of sap？
4．What
4．What enemies assail fruits，and mots f destroying the in，or guards aganast them？
5．Modes of recovering deaye 5hich are most subject to injury，and whel weans of preventing disease or decite ings are proper and what manures or uit trees，and their the respective kit ituation do they thrive maspects？In wit eneral causes of injury or decay ？ 7．What trees require the cee－knife
which are best left entirely to nature？ 8．What fruis will bear gathering b ther cover ；and the best mode of ptesery 9．What insects or verminare enemiey os g them？
Vandever，since the bitter rot firstsejiztd ay mode of prevention Apples？Io there oil any influence on the disease？ 11．Apples generailly fell off the treed in ar Philadelphis antuma ay appeared．What is the cause of thit ly falling，and what the means of preves
an It not being expected that any individas will be enabled to answer all these．querieg dent who will be pleased to attend to them， ive iniormation as to that species within his nowledge．Communications to the Secretio $y$ of the Society will be gratefully received．

MONTTORLAL．

## A most importaner one，

Amportant talent is Moral Inftuenter Mankind are governed by influence more thin by laws．Parental infuence is of all the most oft wax，The tender minds of children，fik and moulded into any shape．They naturaiv mbibe the sentiments，copy the maners ar ollow the example of their parents．It is there． ore infinitely important，that parental infuence houid be directed by the uncrring line of prum peace and virtue
Female Infutence，in respect to the forming of people are aware． women to raise the tone of public morals．Byt heir frowns and smiles properly directred，they
night banish from society profane sweariad night banish from society profane swearigg
obscevity and foppery－they might put an end ven to the murderous practice of duelling－ dhey might in no small degree，animate the o．
her ses to a decent，manly and noble conduct f hey were only to make it a necesty conen ion of obtaining their approbation and fave Wealth enlarges the spprobation and favour： The rich，who lead the fashion，have it in a reat measure in their power to render mean－ ess and vice contemptible in the publicivieve： Men high in office，and everuerdinary maniso Fates have moral influence proportional to the degrees of their elevation is and according to ue or vice will be likely to prevail among the people．Their eharacters will be critically py their and more or letss of the people will con py thed．

The clerical office has attached to it a grept life in of nourat influence．A correspondent loctrines her is che best enforcement of the eligion are more ins；whereas moratity any byman than they can be promoted by a hop superiour knowveds．All men of learning and moral influence，and according to the use they will be it they will promote guod morals，or will be hive
around thern．

| As moral infuence is a talent，we are ac untable for the usi of is．We are accounta－ |  |
| :---: | :---: |
| acthrough our mean of If If even one singla |  |
|  |  |
| son amis much moreif many have been |  |
| 隹 vicious bythe iffluence of our convernat |  |
|  |  |
| if aud example，we have a sad accound to |  |
| we．Or tho＇vice has not been directly en． wamed by us，if we have not miformby uset |  |
| $r$ 部保涫e against vice and for the prome |  |
|  |  |
|  |  |

To dread no eye，and to stspect no tongue，is $6^{6}$

 awe of those to whom nothing could give in
ace or weight，but their power of betropht

