

to know from papers & materials to which - and things
from which, which it costs me considerable money & which
my own papers, documents, & notes, & which are in
the hands of it or the manuscript - N. P. This also is
the first rough sketch of the engine being made & how
it shall be the best of the Committee to act. To return
reports, not of Committee, but of the agents themselves, & to be
of particular use to missionary societies, and to lead to their
wishes to have undertaken to manage. Societies in general
be careful to ascertain the extent of men for the work they
Committee as the committee themselves in such, & let them
let this be a warning to the English people not to care
have been wanted to accomplish but could have been done
some better of my own. I repeat, nothing after this we
sufficient of my manager for the work under hand. That only
it is at once a decisive proof of the total
bearing on language, biblical commentaries, a variety of
boasting the efficiency of their plans) to be left without a
committee that to managers know to us well in various forms
self interest. A written enquiry in formulating effects of an
the same English or ~~some~~ covering for his time were would be
I was formerly enough & had be
writing a volume with a libel? It was fortunate enough & had be
writing capital, but that was not what I was after when I was
other pockets of ^{my} appearing was not long a time. A volume
correct miners, calculation of happiness & fortitude, ending these
the chief part of the instructions appear to be in manuscript only
for my present unfortunate conversion when from the beginning
the Church with towns, & stations, & a general collection of papers.

April 1853. } arrived just when I had completed the drawing and a book
Book 406. } earned which to my perception of missionary work, however
wh directly bearing on the Gospel, was more important to the Gospel than
many a dry sermon. Science, physical science, explained by a
religious man, is one of the most powerful engines for propagating divine
truth. It is nothing less than practical theology. To give a simple exam-
ple, when, on explaining the action of a pump, it became evident
- I showed it in a stomach pump - again my own & not the society's
property - that air is a body, rushing into every vacuum & carry-
ing with it what it finds before it - the appeal, whether the soul, or
the pole ground of its being invisible, or in fact the whole invisible
world, denied by Confucianists only on the ground of imperceptibility,
could not be distinctly recognized by effects otherwise wholly inex-
plicable. Told with a power, which my hearers abroad we must
convinced even their mandarins. What would have been the
results of an air pump, an Electrical machine, & a voltaic
an battery on his metallic & morally dead nation is incal-
culable, & yet notwithstanding repeated applications for
such implements the managing Committee think the effect
of the mission is sufficiently secured when they lay up money
in stock, instead of spending it as the missionary directs.
It must also be borne in mind that in a little land, requested
like this, thought once elicited toward a given subject, is much
more concentrated than even in China, where a variety of affairs
disturb the attention of the mass, as well as of the body of literature.
Here, whatever it be that, by exciting attention, will convince the people,
they are able to think of matters beyond their hereditary traditions,
physical notions in particular, when accompanied by experiments,
inviting & stimulating speculation & method, would soon crea-
te a body of first principles quite new in the Confucian public
mind, any foreign agent would have a large basis to which
to appeal to, & correct notions diffused among the masses
would powerfully reach on the inflexibility even of Japanese opinions.

Examination of Physical Experiment

The conversation of the night was not without interest. The experiment which had been performed, though the result was not as successful as we had hoped, was nevertheless very interesting. The result of the experiment was that the water which had been heated in the boiler, and then allowed to cool, and then reheated, was found to be of a higher temperature than when it was first heated. This result is in accordance with the theory of the conservation of energy, and is a very interesting fact. The experiment was repeated several times, and the result was always the same. This is a very interesting fact, and one which is not generally known. The experiment was performed in a very simple manner, and the result was very clear. The experiment was a very good one, and it is very interesting to see the result. The experiment was a very good one, and it is very interesting to see the result. The experiment was a very good one, and it is very interesting to see the result.

13. The chief aim of his course to day was through lectures, my topics themselves regarding the subject for conversation. I finished by playing a few times on the violin, & exposing the total ungroundness of the Confucian theory of five radical sounds, corresponding to his five elements. I cannot say otherwise but my Father burst out in terms of admiration, & gave it spontaneously as his persuasion that Europeans can have nothing, to learn from Confucianists, and ^{consequently} saw I. that our loving and embracing any one could proceed from no other motive than that of love to fellow man. This of course, they acknowledged, & continued in a strain of friendly proferring as I never witnessed before, sufficient once more to convince me, how human capacities are best worked upon through pleasing physical methods. There is no better, if at all an objection to their affections. and I had the strongest proof of the correctness of this assertion by one of my hearers, just under rapturous expressions of the highest sublimities which he appeared capable. and while in a state of mind, which I am surely not mistaken in judging quite sincere, he filled his tumbler with sake, saying: I verily believe you are our friend, and worthy of the admiration of Loohoo, both for your patience & cleverness. This is the happiest hour of my life. I never heard such discourse. and I drink this brandy, because I had forgotten it while leaving you. for which I beg your pardon. For we drink to show our sincere happiness, & the friendship we have for you." I need not go on longer quoting the effusions of Loohooan satisfaction with its missionary, what is more with notice to prove the peculiar turn of thought & feeling which ^{a native} man is capable, though it appears even so strange to persons brought up under different habits.

14. This is the birthday of my eldest girl. Usually on such occasions my children get a parental exhortation in a letter. This morning they asked for some thing new, I showed a few verses in a little book, written together early this morning, the poem-

