

London. June 2, 72  
Harrington + Armstrong  
visited paper machinery at exhibition  
with young Huxley.

My Dear Anna

Several events more or less  
noteworthy have occurred this last week.  
On Thursday Mr Harrington appeared  
He has been in Derbyshire, Sat Oxford  
Cambridge &c (At the latter place he had the  
pleasure of seeing young Whitney.) He was  
accompanied by Prof Armstrong to whom  
I therefore had the pleasure of an introduction.  
Prof A. asked me to lunch with him  
at his club next day. On arriving I  
found Harrington there also, & had a  
very pleasant time, though I judged the

waste of time very much. Harry  
& Armstrong both left yesterday I believe  
for Doncaster where H is to be Mr A's  
guest for a time.

Prof Goodere constantly alluded to the  
machinery in the exhibition in his lectures  
& advised us to look at it, so yesterday  
Huxley & myself spent the morning there.

It was rather difficult not to see the  
numerous other attractive "exhibits" but on  
the whole I think we stuck to the work in  
hand pretty well. Most of the machinery  
there this year is printing machinery.

There is one very large press made in  
France, & used here for printing the Echo  
Newspaper. It was unfortunately not in  
work during the time we spent there. The  
type is first set up in the usual way,

then an impression taken from it  
in paper - made. The impression is fixed  
in a hollow cylinder so arranged that a  
cast can be taken in the shape of a segment  
of a cylinder. The various segments are  
then finished, & fitted on the surface of a  
roller in the press; & from them the paper

resembles its impression. The man in  
charge of the machine told me that they can  
work it when necessary at the rate of  
18,000 copies an hour. Four complete  
papers are printed together in a sheet.

The Walter press on which the Times is  
printed is a very different looking machine.

Much more compact, stronger looking, & with  
fewer tapes about it. In fact English as  
distinguished from French. The paper

here is fed on in a continuous stream  
from great rolls, each consisting of about

3 1/2 miles of paper. This paper passes in at one end, is printed first on one side & then on the other, is cut up into lengths & folded down sheet by sheet on a table at the other end. The impression is given from a cylindrical casting as in the Echo press. Another wonderful machine in connection with the Times was one for setting up type. The type were arranged above each kind in a compartment. A man sits in front of a number of <sup>something</sup> keys like a piano. He reads the matter to be printed which is supported in front of him & touches the appropriate keys. He seemed to work with the greatest ease, but so rapidly that you could hardly follow the movement of his hands.

There were numerous other machines some for envelope making very curious, but I fear I have already chartered your patience

I do will say nothing about them.

Mrs Huelly sent a message to know if I would dine there today, having nothing else to do I accepted. It was quite a plain family dinner, & all the children were at the table. Mrs Huelly is very kind & always says they will be very happy to see me at any time. After dinner I went with

James Huelly (the nephew who goes to the School of Mines) to the Albert Hall where the organ plays sacred music for an hour or so on Sunday afternoons.

I wish I felt half as anxious about my examinations as you seem to do at home. Somehow this year I seem not to be able to work as much as I did last, nor take so much interest in the result.

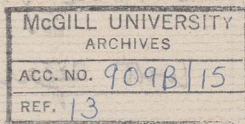
I have fallen into a kind of despair with regard to the Natural History & applied

Mechanics. Both have been thrown so  
much behind of attention from the Laboratory  
work that it seems almost impossible to  
pass with any credit. I am quite sure  
I cannot get a first in the applied mechanics  
& I believe I ought to give it up & devote  
my remaining time entirely to Natural History  
but having once begun it have not the  
courage to do so.

With love to yourself & all

Your affectionate Brother  
George.

June 6, received letters this  
morning for which many thanks.  
Please tell Mamma that I have  
received the Bill of Exchange for  
£50 quite safely.





August 71  
dinner with Lyell  
& visit to  
Lupton  
Palace

Miss Dawson

McGill College

Montreal

Canada





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