

Mar. 3. 1871.

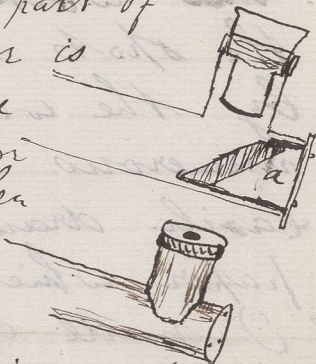
Telescope - mirror -  
purchase of local - \$8.00

Acc. 976

Dr Leach & his letters  
Anglo-Saxon - Synopses -

Dear George

I have got that mirror of yours which you sent, fitted up. The tube was not cut but another piece was fitted on at right angles, & the mirror slid in from behind. The back part of the tube into which the mirror is fitted comes off with three screws, so that the mirror may be drawn out when it requires re-silvering; & then there is a piece of cork put in behind the mirror at a which keeps it in its place



The screws of the eyepieces have been altered so that either eyepiece will fit either the diagonal or the direct eye-tube.

I have not had an opportunity of trying it yet satisfactorily, on account of the bad weather, except

on the moon half covered with clouds.

~~I have fitted up <sup>made a</sup> ~~piece of~~ a~~  
I have fixed a <sup>piece of</sup> mirror in such a way that it can be used with the little telescope & may be inclined at any angle so that the image of the sun may be thrown down at right angles to ~~the~~ a  $\perp$  horizontal piece of paper no matter what the altitude of the sun may be. I find ~~this~~ works admirably & gives the spots very distinctly (which by the way have been very numerous lately). & are thus easily drawn without inclining the paper which is sometimes inconvenient.

I made another for the microscope & it works very well too.

I saw a level in the window of an auction room the other day, & I thought I might as well go in to look at it.

I found however that it was very much out of repair, the level itself being broken.

But I was shown a box sextant which was frightfully dirty but otherwise in good repair. It had a vernier reading, ~~with~~ <sup>by means of</sup> an attached magnifying glass, down to minutes, & ~~it~~ it also had both the adjustments. After some negotiations I got it for \$8. Before getting it I looked in the price catalogue in the college & found that the price of an instrument of the kind was 80 s. without the a telescope, & 105 s. with one. The one I have got has no telescope but has a place to fit one on, & it is made by Abraham Liverpool. I found it was frightfully out of adjustment in both respects, but that was of course easily remedied.

We are now undergoing the torture of ~~try~~ listening to lectures in Anglo-Saxon from Dr. Leach. One of the questions in the paper of the year before last was "Write a synopsis of

the inflections (1) of nouns, (2) of adjectives & (3) of verbs." That is, write out the whole Anglo-Saxon grammar except the pronouns.

He also threatens to give us an extract from the quotations in Spalding to translate & parse.

The weather is now horrible. ~~Last~~ Last month we had soft but fine weather, but now we are having hateful snowstorms turning into rain, accompanied with mist & slush.

¶ You see how my handwriting has deteriorated owing to my having to write so ~~much~~ much & so fast at college. For example when I don't get through all the translation of Cicero's nonsensical letters, I have to write it down in class, as fast as ¶ it is translated. I only hope the examiners won't pluck me, from inability to read my papers,

Yours affectionately

William.