

when one of them flew into pieces, one piece entering the
finger of him who fired it, and another inflicting a small
wound on his cheek, while a third entered just below
the left corner of the left eye of Mr. Macdonnell, the surgeon
feared the piece had remained in the wound, and probed
for it for the space of half an hour, but could not find it
the event proved his fears were groundless, fortunately, how-
theless Mr. M. had a very black eye for some days. In the
evening one of Mr. Delamain's little boys had a very
severe attack of the croup.

18. The weather gets warmer every day and we make
very slow progress, however, ^{having altered our course ~~to~~ ^{to} the ~~direction~~} ^{of} ~~the~~ ^{our} ~~course~~ ^{of} ~~the~~ ^{our} ~~course~~
were rejoiced by the fact of a breeze springing up, which
doubled our speed and brought it up to $11\frac{1}{2}$ knots per
hour. A knot is equivalent to a geographical mile,
i.e. a little more than an English Statute mile, this
latter is to the former as six is to seven, the term knot
arises from the fact of the log or line by which our speed
is measured being divided by knots, the act of measuring
is called heaving the log. The log consists of a conical
bag about 9 in. long and 4 in. broad at the base,
attached to a stout string running on a roller,
the manner of using it is to throw this bag in the
sea, when it immediately fills with water and
remains stationary while at the same moment
a twenty eight second sand glass is turned, and the
number of periods or knots on the line that are paid
out during the 28 secs. indicate the number of knots
or geographical miles we are travelling per hour.

19th Sunday. Still going $11\frac{1}{2}$ knots. The motion was
considerable nearly every one feeling uncomfortable,
(except amongst the number for pro hour or two in the
morning) while many were really ill; during the
day our speed reached nearly 14 knots, the waves were
a beautiful sight and we went along majestically.
one wave broke just under the port hole of the doctor's
cabin

