

speaking machine, which, when once started on a certain memorized piece, will go through to the end of it without scarcely thinking of what is being said.

Now would it not be more profitable for the members of our literary societies to prepare their speeches and orations to speak extemporaneously, and by extemporaneous speaking we do not here mean that kind of speaking which is done without previous study, but rather that kind which expresses a well-balanced thought which has not been couched in any certain form of language, as a piece of poetry is set to a certain tune. Let the subject be thought out step by step. Let each division of the speech be arranged in the mind with clearly defined boundaries, so that there may be no feeling about for something to say, nor any talking at random until some new thought can be hit upon. If we thoroughly understand a subject, and have thought much concerning it we will find it an easy matter to systematize that thought and give expression to it; for it is as somebody has remarked, "what you conceive aright, you express clearly, and the words to say it in come easily."

Besides the speeches in our debates, which should be extemporaneous as far as language is concerned, let us also make our orations extemporaneous. Or, if it be not thought best to do away entirely with the old time-honored method of getting up orations, then let us have at each meeting of the societies one other oration besides the written one which shall be extemporaneous.

EDUCATIONAL.

Coleridge's arts of memory are: *sound logic, a healthy digestion, and a quiet conscience.*

A distinguished physician says that the golden age for creative and original brain work is between the ages of thirty and forty.

James Russell Lowell does his writing sitting in a big arm-chair, which he places in the middle of his library, midway between the door and fire-place. He writes upon a stiff piece of paste board, which he places upon his knee.

Foreheads do not always by their size indicate either the possession or want of intellect, though we do hear so much of the "godly forehead;" and of foreheads, which as Shakspeare says, are "villianous low." The *Washington Republic* has illustrated this truth after the following manner: "Calhoun and Jackson had remarkably low foreheads, as did also John Randolph. Lowell, the poet, has a forehead not over two inches high. Most of the ablest men in Congress to-day have but moderately low foreheads, while many of them have very low ones. W. D. Kelley, of Pa., who is an acknowledged logician, and one of the finest debaters, has a forehead which can be covered by two fifty-cent correny notes.

Fourteen hundred American graduates attend the German Universities.

More than three pages of the smaller print of the *Nov. Atlantic Monthly* are given to an account and favorable estimate of the Harvard examination of women.

Of the Alumni of Adrian college Mich. from 1858 to 1876 there are catalogued:

Without occupation named	8
Ministers of the Gospel	2
Lawyers	18
Teachers	16
Professors	3
Civil Engineers	3
Farmers	2
Physicians	2
Editors	1
Dentists	1
Merchants	1
Litterateurs	1

The metric system of weights and measures is being more and more used in scientific works, and hence is far more generally required in our seminaries and colleges than it has been in the past. The time has now come when everybody should have some knowledge of this sys-