

## SUMMER SCHOOL OF SCIENCE FOR THE ATLANTIC PROVINCES OF CANADA.

THE TWENTY - FOURTH ANNUAL SESSION WILL BE HELD AT  
*Liverpool, N. S., July 13th to August 3rd, 1910.*

In the school prominence is given to Nature Study and Physical Culture. All the Physical Sciences required in the schools of the Maritime Provinces are taught at the Summer School.

Ten (10) scholarships of from \$5.00 to \$20.00 are offered for competition.

Liverpool offers many attractions of climate and scenery for a Summer School.

The school is an inexpensive one.

Calendars of the school can be had on application to the Secretary,

J. D. SEAMAN,

63 Bayfield Street, Charlottetown, P. E. I.

### Wasting Time.

Teachers have frequently abused the caution to be thorough. Keeping at a thing is not thoroughness. Psychology and common sense have demonstrated that there is a point where the pursuit of a particular activity becomes fruitless. Technically it is known as the fatigue point. Disregard of it leads to listlessness, carelessness and superficiality. Hence it is the opposite of thoroughness. The teacher who trains pupils in habits of honesty and responsibility keeps within the limits marked by fatigue conditions.

If Dr. Rice is right in saying that fifteen minutes is a reasonable time-allowance for spelling, the holding on to spelling for an hour at a time cannot be excused on the plea of thoroughness. There are more fitting words to characterize this waste.

In order that the pupils may do the best work they are able to do, the conditions must be right. An exhausted mind is not a responsible one.—  
*School Journal.*

### Tree Autographs.

Each tree in winter writes its autograph upon the sky. Sometimes the page upon which it is recorded is blue; again it may be white, or even assume the red or golden tinge of sunset. The sign-manual of every tree is individual and peculiar. The expert reads it as he would the handwriting of a friend. Rarely is he in doubt.

The American elm, one of our noblest trees and especially characteristic of New England, writes its name with a flourish. All sorts of ornamental lines

and even illumination adorn its sign manual. One never doubts its high birth and association.

Contrast the writing of the English elm. It has a business-like, sturdy, practical hand; our own a more graceful, even imaginative one. Again, the oaks as a rule show signs of a mercantile education. The letters are clear, decisive, and bold. On the other hand, we fancy the honey-locust is a military or at least a militia fellow, whose swords and bayonets intrude even upon his writing. Note his many exclamation points. See how zig-zag are his characters like the "parallels" of a siege.

... The maples show even a boarding-school kind of composition. The sentences are well arranged and punctuated; the letters rounded and erect. The beech is a self-contained writer, very proper and pointed in style. . . .

We cannot continue to record the individualities of the many different trees. The catalogue would be as heavy as the list of ships in the Iliad. We can, however, well believe that character, habit, disposition, temper, inherited traits are recorded in these various autographs. The tree, like the man cannot escape himself or his foibles. All the more necessary is the personal struggle for salvation.—  
*William Whitman Bailey.*

Prof. Jenks in a lecture at Cornell University, U. S. A., said that it had been demonstrated by investigations carried on for nine years that school-boys and students who did not use cigarettes gained in physical development 25 per cent more than cigarette smokers.