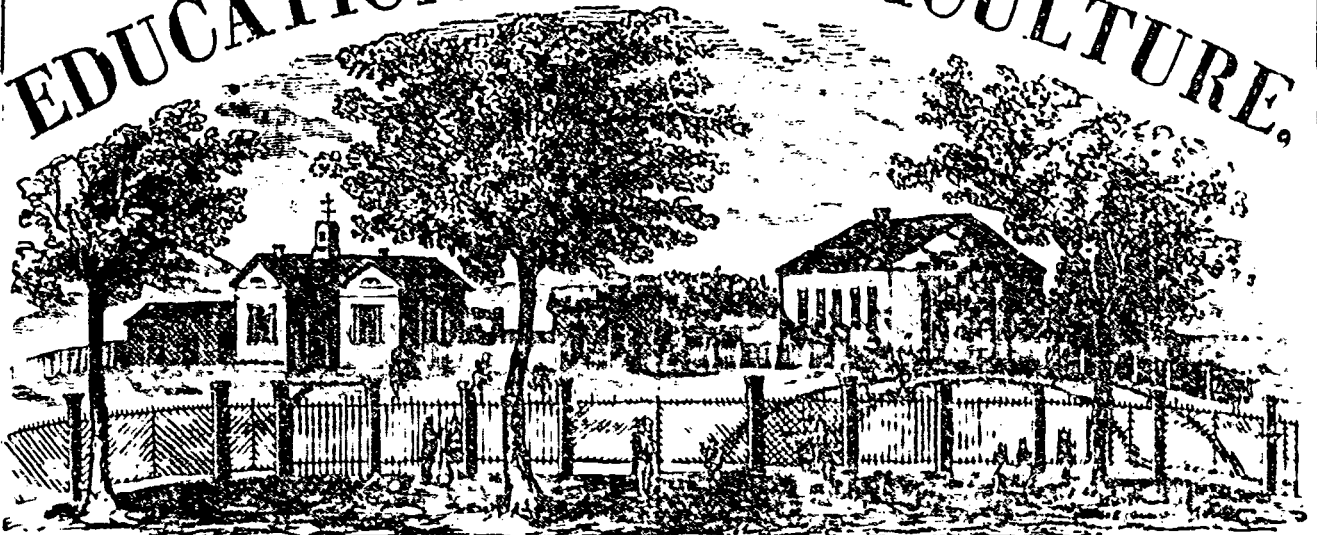


THE JOURNAL OF EDUCATION AND AGRICULTURE.



PROVINCIAL NORMAL, AND MODEL SCHOOLS, TRURO, N. S.

FOR THE PROVINCE OF NOVA SCOTIA.

TABLE OF CONTENTS.

EDUCATIONAL DEPARTMENT.		PAGE.			PAGE.
I. THEORY OF EDUCATION.—Physical Education—The Cutaneous System of Organs or the Skin—The Cleanliness, Tidiness, and Order of the Children at School,		113		Ireland — "North British Review" for November,	120
				The Example of Thomas Arnold,	123
	Intellectual Education—Perceptive Faculties—Cultivation of the Senses,	115	AGRICULTURAL DEPARTMENT.		
II. PRACTICE OF EDUCATION.—How to teach Languages,		118	I. THEORY OF AGRICULTURE.—Organic Manures,		126
	Singing in Schools,	118	II.—PRACTICE OF AGRICULTURE.—Carrots for Horses,		126
III. OFFICIAL NOTICES.		119		Light in Stables,	127
IV. EDUCATIONAL INTELLIGENCE.—Nova Scotia,		119		The Milk Business,	127
	Canada,	120		Books for Farmers in School Libraries,	127
	Popular Education in Britain and	120	Advertisements, &c.		128

Vol. I.

Halifax, Nova Scotia, February, 1859.

No. 8.

EDUCATIONAL.

I.—THEORY OF EDUCATION.

PHYSICAL EDUCATION—THE CUTANEOUS SYSTEM OF ORGANS OR THE SKIN—THE CLEANLINESS, TIDINESS, AND ORDER OF THE CHILDREN AT SCHOOL.

In our last we considered the supporting system of organs, or the bones. From the very nature of the composition of the bones in the young we saw the necessity of paying every possible attention to the grading of the seats and desks according to the age or size of their occupants. We said nothing about the arrangement of the seats or desks, inasmuch as this is a department that falls more appropriately under the organization of schools. In all our discussions respecting the functions and laws of the organs of our bodily frame, we have confined ourselves entirely to those points bearing directly on that branch of physical education under consideration. For example, in order to show the vast importance of the proper ventilation and temperature of the school-room, we presented an outline of the nutritive system of organs—the organs of digestion, circulation and respiration—the organs mainly involved in ven-

tilation and temperature. Again, in order to point out the benefit arising from the grading of the seats and desks, we expatiated on the bones, dwelling especially on their composition.—We take up in this number the subject of the cleanliness, the tidiness and the order of the children at school, and as this has mainly to do with the cutaneous system of organs, we proceed at once to discuss it in its varied functions and laws.

Proposition III. *That it is the duty of Parents, Educators and all interested in the rising generation to train up the young to habits of cleanliness, tidiness and order, not merely for the sake of common decency, but for the preservation of the health of the body, and the invigorating of the mental powers.*

Throughout the wide domain of nature there is going on an unceasing process of waste and repair, of decay and renovation, of degradation and elevation. This is apparent on a grand scale in the disintegration and consolidation of the material parts of creation that are continually taking place through the medium of aqueous and igneous agency. It is apparent too in the lowest organized existence, the vegetable kingdom. Every leaf is incessantly pouring out some of its fluids, and every flower forming its own fruit and seed speedily to be separated from and lost to its parent stem, thus causing, in a few months, an extent of waste many hundred times greater than what occurs in the same lapse of time after the tree is cut down and all its living operations are at a close. The same phenomenon is presented to us in the animal kingdom. As long as life con-