

JOURNAL OF EDUCATION.

TORONTO, FEBRUARY, 1849.

to attain an object so essential to the interests of mechanical industry, and so important to the respectability and pleasures of mechanical pursuits? Why should there not be an endowed Provincial School of Arts in Toronto, as well as an endowed University of Literature? Why should there not be an Elementary School of Arts in every District Town in Upper Canada as well as a District Grammar School? This was one object of the present School Law for Cities and Towns. The official circular transmitting a copy of it to each City and Town Corporation in January last* called their attention to the importance and mode of establishing a Central School in each City and Town adapted to impart a thorough mechanical and commercial education. As no population was ever yet educated, except in crime, *by having its schools shut up*; so mechanics will never attain the educational advantages and social position which are due to arts and manufactures, without asserting the rights of their order, and the hitherto neglected interests of their trades.

And while there is an unmeasured field of improvement and prosperity spread out before us in the landscape of the future, we are not to suppose that there remains nothing for us to achieve in the field of discovery and invention. The steam-engine itself may be but in the infancy of its perfection; the locomotion of the present may be but a snail's speed to the locomotion of the future; and the most admired inventions and machinery of the present age may be thrown aside as useless lumber in comparison of the inventions and machinery of a coming age. The last steampacket from England informs us that Dr. FARADAY has discovered "a hitherto unknown mechanical power connected in a remarkable manner with magnetism;" and apprizes us at the same time, that progressive science, not content with employing the electric fluid as a messenger of thought, has also adopted it as an instrument of light—a light that cheers the deepest gloom for miles in circumference, and which would, in the darkest night, shed the splendour of two full moons over the city of Toronto—a light which seems almost to challenge the solar rays in the brilliancy of its effulgence as well as in the rapidity of its travels. Unknown principles, and elements, and powers, now mysteriously operating around us, may be to our descendents what the mechanical agencies of air and steam are to us; and the past progress in the arts and sciences may be only the introduction to future advancement. May Canada share largely in the honors and benefits of that advancement; and may the generations of future ages rank many of her mechanic sons with the WATTS and ARKWRIGHTS, the FRANKLINS and FULTONS of past ages!

POSTAGE ON THE JOURNAL OF EDUCATION.—It not being known to the Postmaster at Toronto, that the *form* of the *Journal of Education* had been changed so as to subject it to no more than newspaper postage (half-penny each number,) some of the parcels containing the last number were marked at last year's rate of postage—an error which we are assured will not occur again.

ACKNOWLEDGEMENTS—To the 12th February, inclusive.

Rem. for Vol. I, from Supt. Newcastle District (7), Hon. James Ferrier; for Vol. I and II, Hon. Chief Justice Robinson, Rev. F. Pilote, Judge Campbell (Nia. Dis.), Hon. S. B. Harrison, H. Y. Hind, Esq., Hon. Judge Sullivan, G. Duggan, jr., Esq., J. R. Armstrong, Esq., G. B. Spencer, Esq., Supt. Niagara District (5), A. McClenaghan, Esq.; for Vol. II, F. Neale, Esq., A.M., B. Woods, W. H. Wells, Esq., A.M., (Newburyport, Mass.), Supt. C. S. Bytown, J. Corwin, W. Watson, J. Upper, Miss E. Corwin, W. Ramsay, M. McPherson, Rev. T. Cosford, Rev. L. Taylor, Supt. London District, Supt. Johnstown District (for 205 copies), Clerk P. Edw. District (for 104 copies), Clerk Dalhousie District (for 16 M. Cs.), M. L. S. Raymond, Supt. Ottawa District (5), W. Hunter, H. Kropp, W. Meston, J. Paul; Miss Towler, Miss Orr; J. Stewart, F. McNab, J. McKinnon, G. Henry, H. Bowslough, A. Nash, W. Plant, S. B. Buckland, J. Elliott, J. Humphreys, O. Olmstead, J. Diamond, W. L. Hutton, J. W. C. Browne, T. Robinson, J. Price, J. T. Pennock, B. Galloway, A. Campbell, D. Reesor, W. R. Graham, Esq., Mr. Higgins, J. Dall, T. Topping, J. Hawkins, J. Willson, Esq., A. S. Holmes, Esq. (3), A. Morse, Esq., Rev. W. H. Poole (5), L. Lewis, Esq.

* See *Journal of Education*, Vol. I, pp. 16-21.

JOURNAL OF EDUCATION.—On the last page we have inserted such opinions of the Canadian press—French as well as English—as have come under our notice, respecting the *Journal of Education*. We hope the considerable pecuniary loss incurred in publishing the first volume, (besides the gratuitous labour of editing it,) may not be required again in the publication of the present volume. We hope all friends of Education will aid us by their subscriptions in a work objected to by none, and commended by the Canadian Press generally as adapted to promote the educational interests of the Country. In the Annual School Report for the State of New-York, presented last month to the Legislature by the State Superintendent, we find the following paragraph: "The Superintendent would earnestly recommend to the Legislature the continuance of the appropriation of \$2,400 to the *District School Journal*." We ask for no such "appropriation" to sustain the *Journal of Education*; but we should like to see it ordered for all the Legislators and Clergy of Canada, in addition to the subscriptions of Municipal Councils, Trustees, Teachers, &c.

SCHOOL ARCHITECTURE.—The attention of Trustees, Teachers, and all persons interested in the erection of School-houses, is earnestly recommended to the article under the head of *School Architecture*, the second part of which will be continued in the next number. This admirable document was not only printed and furnished to each School Section by order of the Legislature of Rhode Island, but the Superintendent of Schools for the State of New-York recommends the New-York Legislature to furnish every School Section in that State with a copy of it. We have thought that such an Essay on *School Architecture—the Errors to be avoided, and the General Principles to be observed*—ought to precede the various plans of school-houses which will be given in subsequent numbers.

MECHANICS AND MANUFACTURES.—We devote the greater part of this number to one subject—a subject which has not hitherto been more than alluded to in our pages—but a subject more than any other interwoven with every material interest of our country—the source of its wealth, the life of its prosperity, the mainspring in the machinery of its progressive civilization and greatness. We refer to the development of the various natural and mechanical agencies involved in the trades and manufactures of Upper Canada, as promoted by the appropriate education of the mechanical and manufacturing classes of the population. The subject is one of the deepest interest to the statesman, the economist, the philanthropist and the agriculturist, as well as the mechanic and manufacturer. The early publication of the address on this subject, which we insert in the present number, was desired on the part of several intelligent mechanics and manufacturers before whom it was delivered; and we have felt that due regard to the great objects which it was designed to promote, required its publication *entire* in one number—the course we pursued in publishing the Lectures on Education in connexion with *Agriculture and Civil Government*.

The attention of the Legislature has been called to this subject by a Petition from the Mechanics and Tradesmen of Toronto; and we hope the Session will not close without something being done to promote so vital an interest of the country as that of educating