

each of the sexes, and predetermine the sum as the annual average attendance for each sex. Assuming his figures as given in the Tables, the true average is 54 for males; and 63 for females, which is a considerable decrease instead of an increase, as he thought. Were we to multiply the number of Schools (774) by his aggregate average, we would get 25,532, a number which would not leave room for the absences necessarily occasioned by the average cases of sickness. The errors involved show not only a total want of taste and skill in statistics, but indicate a superficial knowledge only of common arithmetic.

"Table B.—Following the course I have adopted with the preceding Table, we find—

	1	2	3
	1883	1885	In-crease.
Number of Pupils studying			
do. English Grammar,	3,350	4,151	801
do. do. Geography,	5,737	3,685	205
do. do. History,	715	1,289	574
do. do. Book-keeping,	240	205	35
do. do. Geometry,	89	181	92
do. do. Mensuration,	100	197	97
do. do. Land Surveying,	34	75	41
do. do. Navigation,	18	31	13
do. do. Algebra,	55	66	11
do. do. Other subjects not prescribed,	134	579	445
Female pupils learning common needle work,	1,540	2,040	510
Number of School Houses,	700	881	181
do. newly erected,	19	60	41

"All these results are gratifying, and none more so than those which prove the due attention paid to the elementary branches. I have not given the corresponding totals of pupils learning spelling, reading, writing, and arithmetic, for 1883 and 1885, but the increase under these heads is 18,967, to which, if we add 2,334, the increase in the number of those who are studying grammar, geography, and history, we shall have 21,301, (or deducting 15,336, amount of increase in total number of scholars,) 5,965 more pupils studying the elementary branches than in 1883; and 510 more girls learning needlework."

It is exceedingly difficult to arrive at any satisfactory conclusion as to the state of our Superintendent's mind when he penned the paragraph I have just quoted.

The tabular part is correctly taken from the Reports; but the other statements betray a state of mind and an ignorance of the first essential principle in arithmetic that are incomprehensible except on two suppositions—first, that the Superintendent is politically clever as politics go, or secondly, that he is incompetent. Either supposition is fatal to his prestige; and that is all that I labor to destroy by this special review of this part of his report. The halo of imaginary excellence by which some of you have surrounded

him must be dissipated into its original nothingness, for it is incompatible with the attention due to the educational rights and interests of every child in the Province.

The objection that our Superintendent compares the results of twelve months in 1885 with those of six months in 1883 lies against the increase period in the extract. But it is to the false reasoning and calculations in the other part that I wish to invite special attention. Some of you, gentlemen, may recollect the extraordinary calculation of Sewt. Jqr. 17th at 17s. 6d. per cwt. made in 1844 by one of our Teachers of 16 years' standing; who made the amount £40 1s. 9d. as follows:—

$$\begin{array}{r} 2 \ 1 \ 17 \\ \quad \quad 10 \\ \hline 20 \ 0 \ 3 \\ 10 \ 3 \ 7 \\ \hline 1 \ 22 \ 0 \\ \hline \text{£40 } 1 \ 9 \text{ Ans.} \end{array}$$

But, however absurd, it only betrays the peculiarities exhibited by our Superintendent's calculations.

The whole paragraph is a tissue of nonsense which it is troublesome to dwell upon.

I have made the necessary corrections for the error of 10,000 in the increase of pupils attending school in 1883, discovered after the report had been laid before the Legislature.

Our Superintendent distinctly says that the increase in the number of pupils learning spelling, reading, writing and arithmetic, is 18,967, to which if we add 2,334 for a certain other increase similarly calculated, we have as he states a total increase of 21,301 for 1885 in the number of pupils studying the elementary branches. Now however remarkable his manner of calculating and speaking of the increase of pupils may be, one can understand what he has said thus far, and the foundation; but when he goes on with an alternative and says, "on deducting 5,336, the amount of increase in the total number of scholars, we got 15,965 more pupils studying the elementary branches than in 1883," his language and the idea sought to be impressed overwhelm us with a sense of confusion and absurdity. On such reasoning and calculation, a Teacher who in 1883 had 15 pupils and in 1885 20 pupils, might say that in 1885 he had 56 more pupils in the elementary branches than in 1883, besides 139 in the higher branches. There might be nothing inconsistent in such a statement, on M. d'Avray's principles of calculation, however absurd it appears when tested by common sense. There is this further objection against the new method of calculation, that no Teacher having 20 boys learning to read, and the same 20 boys

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