

tries are advancing in the arts and sciences, and taking prominent steps to give scope and encouragement to the inventive genius of their respective countries, while Nova Scotia, New Brunswick, and Prince Edward Island appear to satisfy themselves with two or three partial exhibitions each of home industry.

Such institutions as that being now established in Canada, when properly established and efficiently carried out, tend to a more complete development of the latent resources of the country. The minds of these provinces are certainly no less capable of advancing in the scale of artistic and scientific skill than those of other countries; and it is evident to those best acquainted with the resources of these extensive provinces, that there is no part of the American continent so well supplied, in a natural point of view, with such rich and varied stores of dormant wealth.

Ed. P. S. A.

Short Paragraphs.

EDUCATION.—The following brief but beautiful passage occurs in an article in *Fraser's Magazine*:—"Education does not commence with the alphabet. It begins with a mother's look—a father's nod of approbation, or a sigh of reproof; with a sister's gentle pressure of the hand, or a brother's noble act of forbearance; with handfulls of flowers in green and daisy meadows; with bird's nests admired, but not touched; with creeping ants and almost emmets; with humming bees and glass bee-hives; with pleasant walks in shady lanes; and with thoughts directed in sweet and kindly tones and words, to nature, to beauty, to acts of benevolence, to deeds of virtue, and to the source of all good, to God himself."

INFANCY OF KNOWLEDGE.—Mankind, but a few ages since, were in a very poor condition as to trade and navigation; nor, indeed, were they much better off in other matters of useful knowledge. It was a green-headed time; every useful improvement was held from them; they had neither looked into heaven nor earth, neither into the sea nor land, as has been done since. They had philosophy without experiment; mathematics without instruments; geometry

without scale; astronomy without demonstration. They made war without powder, shot, cannon or mortars. They went to sea without the compass, and sailed without the needle. They viewed the stars without telescopes, and measured altitudes without levels or barometers. Learning had no printing press, writing no paper, and paper no ink.—Lovers did their courting without epistolary correspondence. They were clothed without manufactures, and their richest robes were the skins of animals. They carried on trade without books; their merchants kept no accounts, their shopkeepers no cash-books; they had surgery without anatomy, and physicians without the materia medica.

KEEPING FARM ACCOUNTS.—Let every farmer make the experiment, and he will find it as interesting as it is useful, and both interesting and useful, to know from year to year the actual products of his farm.

Let every thing, therefore, which can be measured and weighed, be measured and weighed; and let that which cannot be brought to an exact standard, be estimated as if he himself were about to sell or purchase it. Let him likewise, as near as possible, measure the ground he plants, the quantity of seed which he uses and the manure which he applies. The labour of doing this is nothing compared with the satisfaction of having done it, and the benefits which must arise from it. Conjecture, in these cases, is perfectly wild and uncertain—varying often with different individuals, almost a hundred per cent. Exactness enables a man to form conclusions which may most essentially, and in innumerable ways, avail to his advantage. It is that alone which can give any value to his experience; it is that which will make his experience the sure basis of improvement; it will put it in his power to give safe counsels to his friends.

Such a course pursued by farmers who have a large family of sons, would be a good school—teach them to make calculations, and not leave everything to guess work.

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