

MANUAL TRAINING.

Every civilized country recognizes the need of intelligent mechanics. The hewers of wood and drawers of water have their place, but in shipyards, locomotive works, car shops, rolling mills, foundries and factories there is a demand for artisans whose muscle is guided by brains. No superintendent, however vigilant, can be at all points at all times. No machinery, however excellent, will always be in prime condition. Accidents will happen, contingencies will arise, conditions must be met, and the only way to meet them is to have intelligent workmen on hand.

An elementary knowledge of mathematics and a grasp of the underlying physical laws make a man more useful in workshops. He will avoid blunders into which an ignoramus might fall and will not sacrifice the leisure of a twelvemonth in dreaming over perpetual motion. The governments of the old world recognize the importance of technical schools, and thousands of boys are learning the steady glance, the firm touch, the accurate habits, that go to make up the first-class artisan. Our own country, though not so far advanced in this respect as Europe, is still doing a great deal to give the young opportunities to master what we may call the mechanical alphabet. — Exposition Bulletin.

FISHERIES.

The most valuable fishery of British Columbia is the salmon. They literally team in the Fraser and Columbia rivers, and during the seasons of the salmon runs, broad expanses of river or deep pools may be seen packed with wriggling masses of splendid fish making their way to the spawning grounds. The greater number of the canneries where these fish are put up for export are on the Fraser river, but there are some in the more northern part of the province. The salmon make their way for great distances up the rivers. The salmon of the Columbia fill the streams of the Kootenay; those of the Fraser are found six hundred miles in the interior. There are five different kinds of this fish, the spring or tyhee, sockeye, coho, dog and humpback (the two latter being of no commercial value), and they arrive from the sea at different times. There are sixty-seven canneries in the province, employing 16,200 men. Each cannery costs from \$30,000 to \$40,000, equipped, so that about \$2,000,000 are invested in the enterprise. The value of the fish catch has increased enormously, largely owing to the establishment of fish hatcheries. The annual salmon pack has increased since the beginning of the industry in 1876 from 9,847 cases to 990,000 cases in 1897, valued at \$4,000,000, and, owing to the fish hatcheries established by the Government, there is no danger of the rivers being depleted. Besides this, the fish consumed yearly in the province and exported fresh amounts to \$250,000. During the fifteen years, 1883 to 1897, inclusive, the value of the salmon caught was \$33,000,000, and to this should be added the catch of halibut, sturgeon, herring, oolachan, trout, cod, etc., the grand aggregate to date of the value of the fishery product of British Columbia, including fur seals, being \$50,000,000. — "Government Book of Views in Western Canada."

LIVERPOOL PRICES

Liverpool, Sept. 28, 12.30 p.m.

	s.	d.
Wheat, Spring	6	4
Red Winter	6	1
No. 1 Cal	6	3
Corn	3	2 1/2
Peas	5	11
Lard	28	9
Pork	52	6
Bacon, heavy	34	6
Bacon, light	35	4
Tallow	27	6
Cheese, new white	56	0
Cheese new colored	54	6

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