

# The Canada School Journal.

## AND WEEKLY REVIEW.

VOL. X.

TORONTO, SEPT. 17, 1885.

No 33.

### Table of Contents.

	PAGE
<b>EDITORIAL :—</b>	
The World.....	385
Business Announcement.....	385
The School.....	386
<b>SPECIAL ARTICLES :—</b>	
Elementary Chemistry .....	387
<b>EXAMINATION PAPERS .....</b>	
	392
<b>PRACTICAL DEPARTMENT —</b>	
Drawing .....	393
<b>EDUCATIONAL NOTES AND NEWS .....</b>	
Teachers' Certificates.....	395
LITERARY CHIT-CHAT .....	396
LITERARY REVIEW.....	396

### The Canada School Journal and Weekly Review.

*An Educational Journal devoted to the advancement of Literature, Science, and the teaching profession in Canada.*

#### — O — T E R M S . — O —

**THE SUBSCRIPTION** price for THE CANADA SCHOOL JOURNAL is \$2.00 per annum, *strictly in advance.*

**DISCONTINUANCES.**—THE CANADA SCHOOL JOURNAL will not be sent to any person after the expiration of the time for which payment has been made.

**RENEWALS** of subscriptions should be made promptly.

**ALL BUSINESS** communications should be addressed to the business manager. Articles intended for publication should be addressed to the editor.

**ADVERTISEMENTS** of a suitable nature will be inserted at reasonable terms. See schedule of rates in another column.

**CANADA SCHOOL JOURNAL PUB. CO. (Limited)**

OFFICE : 423 Yonge St., Toronto.

### The World.

One of the foulest blots on the later pages of United States history will be the outrage recently perpetrated on the Chinese at the mining district of Rock Springs, Wyoming. The mining company had imported a large number of Chinese to take the place of discharged whites. About 150 white miners, armed with guns, attacked the Chinese quarter, set it on fire, shot down in cool blood some forty or fifty of the unresisting fugitives, and drove some five hundred of them to the adjacent hills to starve. A more cowardly and brutal deed can scarcely be conceived. Suppose the victims to have been Americans in China and their murderers Chinese, what would the great Republic say and do?

The September bulletin of the Ontario Bureau of Industries shows that the fall wheat crop of the Province is excellent reaching the high average of 24.3 bushels per acre, and indicating a total product of 21,280,543 bushels. The spring wheat has been unfortunately very badly damaged by rust; in fact, the crop throughout Western Ontario is almost totally destroyed. Much of it is not worth threshing and farmers in many localities are cutting it for fodder. In the Eastern part of the Province, the great spring wheat region, the reports are

more encouraging and there is reasonable hope that the grain will thresh out a fair average. The barley crop was badly damaged by the storm of August 3rd, and much of what was left is injured by bad weather in harvesting. The total product is put at 693,000 bushels. Oats, rye and peas, are estimated at averages of 36.5, 16.0, and 22.2 bushels per acre respectively.

The question to be decided by the race between the English yacht "Genesta" and the American yacht "Puritan," is, according to some humorist, whether a plank can be propelled faster through water on edge, or on the flat. The "Puritan" is comparatively broad of beam, and requires only some twenty or thirty tons of lead ballast to enable her to stand up under her immense load of mast and canvas. Instead of a keel proper she has a centre board which can be raised or lowered at pleasure. The "Genesta" is sharp and deep, and has her equilibrium preserved by about seventy tons of lead in her keel. The question has raised a great deal of feeling, not the best-natured, but the handsome conduct of the owner of the "Genesta" in refusing to accept the race as a "walk over," when the judges unanimously gave him the option, in consequence of the foul caused by the "Puritan's" violation of rules and consequent collision, have done much to restore a better humour.

### BUSINESS ANNOUNCEMENT.

We have to announce to our subscribers and all others interested that a change has been made in the management of the CANADA SCHOOL JOURNAL. Mr. J. M. Kennedy who has been business manager since the JOURNAL began to be issued as a weekly retires to accept another position, and Mr. J. L. Robertson, having purchased a large interest, assumes from this date the entire charge of the business department. It is unnecessary for us to say a word in reference to either of these gentlemen, as both are well and favorably known to most of the patrons of the JOURNAL. Mr. Robertson does not take hold of the work as a novice, as the JOURNAL prospered under his hand for several years when it was being published as a monthly. Mr. Kennedy was unable to give his time exclusively to the work in consequence of various other engagements, but Mr. Robertson, we are glad to say, will devote all necessary time and attention to the management of the JOURNAL. He is determined to make it a still greater success in the future than it has been in the past, and those who know his thorough business habits will know that he is the right man in the right place. All business communications addressed to him at the EDUCATIONAL EMPORIUM and office of the CANADA SCHOOL JOURNAL, 423 Yonge St., Toronto, will receive prompt attention.