

# CHEMICAL & PHYSICAL APPARATUS.

## Chemical Glassware

OF EVERY DESCRIPTION.

FOR LIST AND PRICES

SPECIAL TO HIGH SCHOOLS

SEND TO THE

MAP AND SCHOOL SUPPLY CO.

31 KING ST. EAST, TORONTO.

**VANNEVAR & CO.**  
*Booksellers and Stationers,*

Dealers in the books required by TEACHERS:—The Text Books required for TRAINING INSTITUTES, COLLEGES and HIGH SCHOOLS, and for PUBLIC and PRIVATE SCHOOLS.

Save Time, save worry, save disappointment, save money by sending your orders **direct to us.**

**VANNEVAR & CO., 440 YONGE ST., opp. CARLTON ST., TORONTO.**

### WALL MAPS FOR SCHOOLS.

The most accurate and best series of Wall Maps published. Drawn and engraved by the eminent Geographer, J. Bartholomew F.R.G.S., Edinburgh. Mounted on Strong Cloth, with Rollers, clearly Colored and Varnished.

NO.	SIZE.	REGULAR PRICE.	NO.	SIZE.	REGULAR PRICE.
1. Railway Map of Ontario,	43 by 33 in.	\$3 00	10. Africa,	67 " 52 "	4 50
2. Ontario,	67 " 52 "	4 50	11. British Islands,	67 " 52 "	4 50
3. Québec,	67 " 52 "	4 50	12. Australia and New Zealand,	67 " 52 "	4 50
4. New Brunswick,	67 " 52 "	4 50	13. Palestine,	67 " 52 "	4 50
5. Nova Scotia and Prince Edward Island,	67 " 52 "	4 50	14. The World in Hemispheres, Projection,	67 " 52 "	4 50
6. North America,	67 " 52 "	4 50	15. The World on Mercator's Projection,	67 " 52 "	4 50
7. South America,	67 " 52 "	4 50	16. United States,	81 " 52 "	6 00
8. Europe,	67 " 52 "	4 50	17. The Dominion of Canada,	80 " 49 "	6 50
9. Asia,	67 " 52 "	4 50			

To any Teacher or Board of Trustees subscribing for THE EDUCATIONAL JOURNAL at \$1.50, we will send any one or more of the above Maps, each at \$1.00 less than the regular price. This is an opportunity that should not be neglected. Supply your school at once with first-class Maps at wholesale rates. In ordering Dictionaries or Maps please give your nearest express office.

Address, **The EDUCATIONAL JOURNAL, Grip Office, Toronto.**

## SCHOOL TEACHERS, STUDENTS, CLERGYMEN, LADIES, SOMETHING OF SPECIAL INTEREST TO YOU.

SPECIAL CLASSES in Shorthand, Typewriting, Bookkeeping and Penmanship during summer holidays.

Send for Circulars and all particulars.

### CANADIAN BUSINESS UNIVERSITY AND SHORTHAND INSTITUTE, PUBLIC LIBRARY BUILDING, TORONTO.

THOS. BENGOUGH,  
*Official Reporter York County Courts, President.*

CHAS. H. BROOKS,  
*Secretary and Manager.*

## WHERE AND HOW TO GET YOUR STANDARD DICTIONARY!

The Regulations of the Education Department (approved August 25, 1885), No. 23 (f), read as follows:

"Every School should have, at least, a Standard Dictionary and a Gazetter."

We make Teachers and Boards of Trustees the following offers:—

Worcester's Unabridged, full bound,	-	\$9.50
Webster's Unabridged, full bound,	-	11.50
Lippincott's Gazetteer, full bound,	-	11.50
Stormonth's New Dictionary, full bound,	-	7.50

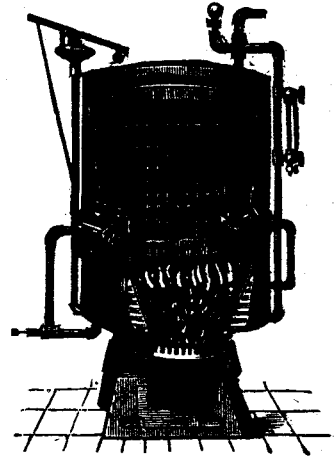
Together with one year's subscription to THE EDUCATIONAL JOURNAL in every case.

These prices are below the usual selling figures for these Standards, irrespective of *The Journal*. In other words, by forwarding their orders to us, Teachers get THE EDUCATIONAL JOURNAL one year for nothing. Address,

**Grip Printing & Publishing Company,**  
26 & 28 FRONT STREET WEST, TORONTO.

## The Gorton LOW PRESSURE STEAM BOILER

IS THE BEST FOR HEATING  
SCHOOLS, OFFICES AND PUBLIC  
BUILDINGS.



PLANS, ESTIMATES AND SPECIFICATIONS  
prepared for every description of

## HEATING & VENTILATION.

Only the Very Best and Most Reliable  
Engineers Employed.

— PERFECT WORK GUARANTEED. —

First-Class Competent Engineers sent to all parts  
of the Dominion.  
Correspondence Solicited.

### SPECIMEN TESTIMONIAL:

ST. MARY'S, ONT., MAY 28TH, 1887.

*Frank Wheeler,*  
DEAR SIR,—I am instructed by the Collegiate Institute Board of Trustees to inform you that the Steam Heating apparatus put in our Institute Building by you last December has proved highly satisfactory, both as regards the effective way in which the building is heated, and the manner in which the work was executed by you. The teachers and pupils no longer complain of cold rooms, or an unequal distribution of heat, but enjoy the comfort of well-warmed and more equally heated apartments.

Yours very truly,

(Signed) A. CARMAN,

Secretary, St. Mary's Collegiate Institute Board.

**FRANK WHEELER,**  
Hot Water and Steam Heating Engineer,  
56, 58 & 60 Adelaide St. West, TORONTO.

### TEACHERS! STUDENTS!

A BONANZA—selling "The Popular Art Instructor," by leading art teachers; new book, 500 pages, 100 engravings and colored studies; teaches over 20 modern arts; not a rival on the market; a new method of canvassing; agents get 30 specimens, paintings, etc., which when shown attract attention, create desire, so that sales are quickly made; send for circular. **J. B. YOUNG & CO.,** No. 40 Yonge street Arcade, Toronto.

### TEACHERS.

WE have some first-class Books for Teachers to sell during vacation, or, for that matter, can give permanent employment, either on salary or commission, to right men. Address **BELDEN BROS.,** 114 Bay Street, Toronto.

### TEACHERS WANTED

During vacation and spare time to solicit orders for our famous

### PURE TEAS AND COFFEES.

We challenge the world to supply better goods than we do. Our business is immense; our enterprise and push unprecedented. Write for terms and particulars; mailed free. Address **THE ONTARIO TEA CORPORATION,** Toronto.

AGENTS, School Teachers, Country Shop-keepers, and Peddlers, all admit there is nothing takes like our unequalled

### TEAS WITH PRESENTS.

We require live men in unrepresented districts. Write for terms. **S. F. McMURTRY,** 326 Yonge street Toronto.