

DON'T GO TO SCHOOL

TO LEARN BOOK-KEEPING when you can learn it **AT HOME** Within 100 hours' study, without aid of a teacher **FROM Goodwin's Improved Book-keeping and Business Manual (GUARANTEED)**

One purchaser says: "I learned from your book in three weeks, and am now keeping three sets of books." Another: "Can thank your book for a \$400 raise in my salary." Another: "Tis worth \$500." Hundreds say: "Tis the only practical work." Other hundreds say: "I secured a fine situation as a result of mastering its contents."

37,087 copies have been sold and 3,508 testimonials received up to February 24, 1893. **PRICE**, (postpaid) \$3.00. Be sure to **save this advertisement**, as it will not appear again. You will **surely** have to have this book **some** day. It is not a luxury, but a **necessity**—particularly to the **progressive!** Those who possess it and use it **always succeed!** Send for a descriptive pamphlet. Address orders *exactly* as follows:

J. H. GOODWIN
1215 Broadway, New York
Room 496

JUST PUBLISHED

Golden Thoughts in Song

By J. F. KING AND G. L. MOORE

For Day Schools, Singing Classes, Institutes, and the Home Circle. All new music, consisting of solos, duets, quartets, waltz songs, both sentimental and mirthful. 112 pages, bound in board cover. Single copy **35c.**, or **\$3.50** per dozen. Special price to teachers and dealers. If the book does not please you, return it and I will refund your money. Address **J. F. KING, Orrville, O., or Wolcottville, Ind.**

OUR CATALOGUE

: : OF : :

School Supplies

AND

Teachers' Aids

Sent Free to Any Address

It contains valuable information for progressive educationalists. Write for it.

ADDRESS _____

Grip Printing and Publishing Co.

FIFTH EDITION

Indispensable to every live Teacher

Practical * Problems in Arithmetic

For First, Second, and Third Classes

By **JAMES WHITE**, Public School Teacher

EDMONTON - ONT.

This book has been prepared specially to suit the convenience of Public School Teachers. It contains about **700** Practical Problems suitable for First, Second and Third Classes in Public Schools. It is very carefully graded, and each principle required to be taught is introduced in logical order. It receives the hearty approval of Teachers and Inspectors.

Read their Opinions.

From **ALLAN EMBURY, Esq.**, Inspector, Peel.

I have examined this little book of Arithmetical Problems, and can give it an unqualified endorsement. The questions are carefully graded, and are specially suited to the wants of our over-worked teachers who have not always the time to devote to the preparation of exercises upon the various subjects of the school curriculum. The questions are not stated in the form of propositions; but their statement is incidental, leaving the inner connection of the problems to be discovered by the pupil himself; and in this important feature lies their special adaptability as an educational force. I heartily recommend this book to all teachers wishing to economize time and labor in their preparation for ordinary school work.

From **E. TROUGHT, Esq.**, Teacher, Member County Board of Examiners, Inglewood.

I have examined with some care Practical Problems in Arithmetic for First, Second and Third Classes, by Mr. White, Edmonton. Without the slightest hesitation I say that they are the best I have ever seen—the best in selection, the best in grading, and above all, the best for developing the reasoning powers of the child, and for exercising his ingenuity. A special feature of the grading is that principles which have been introduced are being constantly made use of in the succeeding problems which are in their turn introducing new principles, so that the whole work may be said to be one unconscious review. It is a great boon to teachers.

Price, Bound in Cloth, 25 cts.

Grip Printing and Publishing Co.
TORONTO

FIFTH EDITION

OF

Armstrong's Arithmetical Problems

Senior Classes in Public Schools, and Candidates for Entrance to High Schools and Collegiate Institutes.

This edition contains nearly 900 Problems. The Entrance Papers from **JUNE 1880** **JUNE 1892**, both inclusive, are appended, also the Public School Leaving Examination Papers for 1892. The answers to all the Problems are given. No other work possesses these features.

Read What Teachers and Inspectors Say of it:—

I am highly pleased with your Arithmetical Problems for Senior Classes. It suits my Entrance candidates exactly. A book such as this is needed by every Fourth Class pupil.—**GEO. KIRK**, Head Master M.S., Chatham.

I have just examined your Arithmetical Problems for Senior Classes. The problems are very suitable and the collection must prove very valuable to teachers. I heartily commend it.—**G. D. PLATT, B.A.**, P.S. Inspector, Prince Edward.

After a careful examination of your "Arithmetical Problems for Senior Classes," I find them well graded and very suitable for the purpose intended. The teacher who uses them for home or class work, will save himself a vast amount of labor, and in all probability secure to his pupils much better results.—**J. S. DRACON**, Inspector, Halton.

I have no hesitation in saying that for the purpose for which it is intended the work is infinitely the best with which I am acquainted. Its strong point, to my idea, is the logical sequence in the problems by which the pupil is almost insensibly led on step by step until he reaches quite a difficult style of question. The printer, too, has done his work very well, and there are but few typographical errors. I shall certainly recommend every teacher in my inspectorate to use a copy.—**J. C. MORGAN, M.A.**, Inspector, Barrie.

Price, strongly bound in cloth, 25 cts.

GRIP PRINTING & PUBLISHING CO.
TORONTO

Trade supplied by the Copp, Clark Co.

DON'T WORRY

If your **REVENUE** is not **SUFFICIENT** for your wants

YOU CAN LARGELY INCREASE YOUR INCOME by obtaining the agency for your district, of that

OLD AND RELIABLE COMPANY

THE GERMANIA LIFE

Insurance Company of New York

ESTABLISHED 1860 ASSETS - \$18,000,000.00

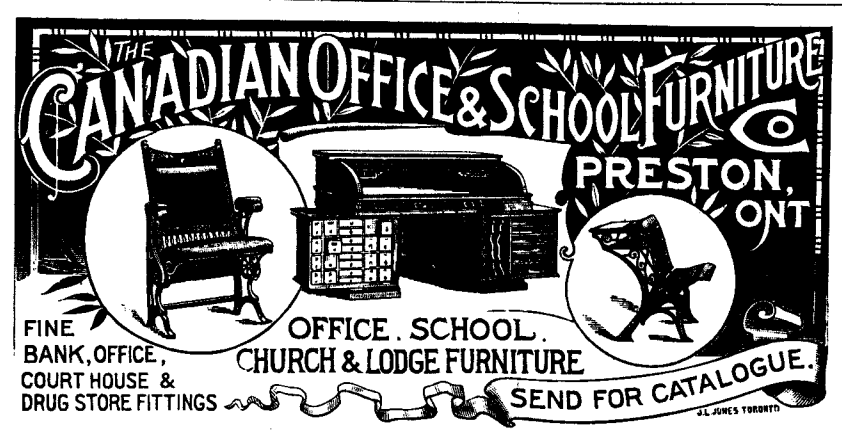
Present occupation need not be interfered with. Previous experience not absolutely necessary. Write for particulars, giving references, to

GEORGE W. RÖNNE, Manager

Please mention this paper. 46 King St. West, TORONTO

THE CANADIAN OFFICE & SCHOOL FURNITURE

PRESTON, ONT.



FINE OFFICE, SCHOOL, CHURCH & LODGE FURNITURE

BANK, OFFICE, COURT HOUSE & DRUG STORE FITTINGS

SEND FOR CATALOGUE.

J. JONES TORONTO

Filled with bright, practical, **USABLE** material. We think you will like it.

MONTHLY. \$1.00 A YEAR.

FREE SAMPLE COPY.

Address **BEMIS PUB. CO.**, 13 Astor Place, N.Y.

Mention this paper when you write.

TEACHERS' WORLD

A JOURNAL OF METHODS, AIDS AND DEVICES

FOR SALE

High Speed Porter-Allen Automatic Cut-Off

ENGINE

Size of Cylinder, 11 3/4 x 20 inches, with exhaust feed water heater.

ALSO A DOTY BOILER

60 inches diameter by 12 feet long, with 76 three-inch tubes.

Both in Perfect Work Order.

APPLY

The Grip Printing and Publishing Co.
TORONTO

Works On Electricity

Electricity up to Date for Light, Power and Traction.
By John B. Verity.....\$0

Electricity and its Uses.
By J. Munro. Illustrated..... 1 25

Electricity, the Science of the Nineteenth Century.
By E. M. Calliard..... 1 50

Electricity and its Discoverers.
By M. S. Brennan..... 0 90

Electricity in Daily Use. A popular account of the applications of Electricity. The different chapters written by electrical experts. 125 illustrations..... 3 60

Electricity and Magnetism.
By Dunman and Jones..... 0 35

Notes on Electricity.
By Prof. Tyndall..... 0 35

Magnetism and Electricity.
By A. W. Poyser, M.A..... 0 90

Water, Electricity and Light
By Prof. Tyndall..... 1 00

Pioneers of Electricity. Short lives of the great Electricians.
By J. Munro..... 1 25

Marvels of Electricity and Magnetism.
By Henry Frith. Fully illustrated..... 0 50

SPECIAL RATES TO SCHOOLS.

W Librarian House of Com **GS**
Ottawa Im-y93
29-33 Richmond St. W, Toronto