

1884

1921

“EVERYTHING FOR THE SCHOOL”



*Our 37th Year of Service
“From Coast to Coast”*

E. N. MOYER COMPANY

CANADA'S SCHOOL FURNISHERS LIMITED

TORONTO
100 WEST FRONT STREET
Opposite New Union Station

WINNIPEG

EDMONTON

PLEASE DESTROY ALL FORMER CATALOGS

Instructions for Ordering

Be sure to give full descriptions, sizes, or catalog numbers. Please do not cut your catalog.

Owing to constant difficulties in procuring many lines we would request the naming of a second choice which we may substitute if necessary. In all cases of substitution value fully as good or better will be given.

Orders from private individuals must be accompanied by remittance. Always enclose sufficient money to cover the cost of your order and carriage charges if these are to be prepaid by us. Any balance will be promptly refunded.

We reserve the right to deduct any items ordered when the remittance is not sufficiently large to cover the entire cost.

Many orders reach us without signatures. This causes needless delay and annoyance. Always sign your name in full and state whether Mr., Mrs., or Miss.

Be sure to mention the School Section Number, Township, County and Province every time you write.

Always give the name of your nearest Express Office, Station, and Post Office, and state whether goods are to be shipped by Parcel Post, Express, or Freight.

The Canadian Freight Association stipulates that all freight or express shipments to stations where there are no agents shall be at the owner's risk entirely.

Our responsibility ends when we deliver the shipment to the Railway Company or the Post Office in good condition. To be sure of parcels reaching you safely when ordered by Parcel Post be sure to include sufficient for registration. Parcels will not be registered unless requested.

We cannot consider a claim for breakages or shortages when shipments are ordered to be forwarded to a flag station or a station without an agent.

By carrying out the above suggestions you will save time, money and annoyance.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

THE HOUSE OF SERVICE

For 37 years we have been supplying and equipping Schools in all parts of Canada.

We have built up an organization that is perfectly equipped to render the maximum of SERVICE to our customers.

On the quality of our goods and on the efficiency of our service we solicit your patronage.



WE SELL FROM COAST TO COAST

E. N. MOYER COMPANY

LIMITED

"Canada's School Furnishers"

Since 1884

TORONTO

100 WEST FRONT ST., Opposite New Union Station

110-120 PRINCESS ST. - - - - - WINNIPEG, MAN.

10187-104th ST., McKENNY BLDG. - - - EDMONTON, ALTA.

PLEASE DESTROY ALL FORMER CATALOGS

Foreword

- ¶ It is with considerable difficulty that we are able to offer this Illustrated Price List to the School Trade of Canada.
- ¶ World conditions are even more unsettled than at any time during the war. Stocks of raw materials are seriously depleted.
- ¶ It is doubtful if we will ever get back to the normal times of pre-war days. It is necessary for us to adapt ourselves to new conditions.
- ¶ We would urge School Boards to place their orders for their requirements as far in advance of their actual needs as possible. In so doing disappointments will be avoided.
- ¶ Under existing conditions we must reserve the right to withdraw any line listed in this catalog at any time it is not possible to procure materials for its manufacture.
- ¶ As we must make all purchases subject to prices at the time we take delivery it is necessary for us to adopt the same policy, and as a consequence all prices in this catalog are subject to change without notice.

We believe our customers prefer to have us fill their orders in full, regardless of any slight price advances. Unless advised to the contrary all orders will be filled and billed at current prices at time of delivery.

**WE DO NOT COMPETE WITH OTHERS ON PRICE
OTHERS CANNOT COMPETE WITH US ON QUALITY**

**Prices in this Catalog are Net
If you want Service Buy Direct from**



WINNIPEG

TORONTO

EDMONTON

ORDER FORM



E. N. MOYER COMPANY

Limited
CANADA'S SCHOOL FURNISHERS
100 West Front Street, Opposite New
Union Station.

Our reference No.

Do not write here.

May 1921

Date.....192.....

P.O.

Ship to.....Secretary-Treasurer

For S.S. No.....Township of.....County of.....

.....Station

.....Province

Nearest Express Office.....

Ship by { Freight
Express..... When.....
Mail

©

2

C.

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Do not write above this line.

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\$

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WINNIPEG

TORONTO

EDMONTON

ORDER FORM

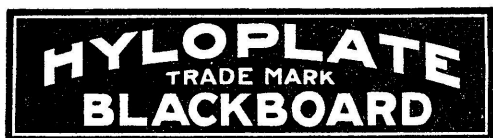
E. N. MOYER COMPANY

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CANADA'S SCHOOL FURNISHERS
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May 1921



Date.....192.....

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.....Province.

Nearest Express Office.....

Ship by { Freight
Express..... When.....
Mail

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EDMONTON[illegible]

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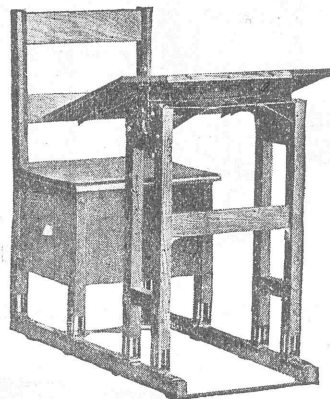
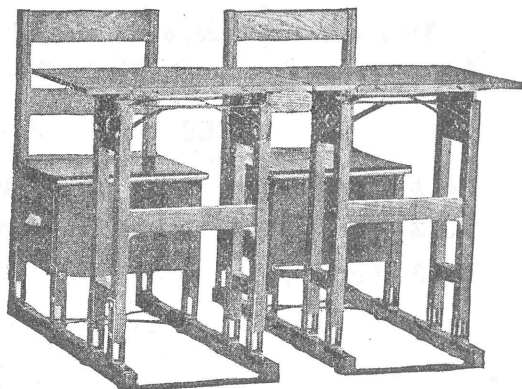
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Quantity

Brought forward

TOTAL

School Furniture



MOYER'S PATENTED SCHOOL CHAIR DESK

In seating a pupil great care should be exercised in giving him or her a chair whose seat is the correct height from the floor.

The correct height of a seat from the floor is equal to the distance from the knee to the floor.

A child whose upper leg is horizontal and whose feet rest squarely on the floor is seated correctly.

With Moyer's Adjustable Chair Desk, the Chair and Desk can be fitted to the pupil.

They are a complete unit in themselves, i.e. Seat and Desk combined.

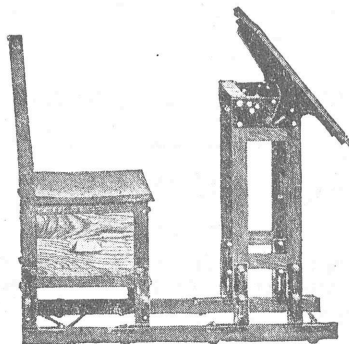
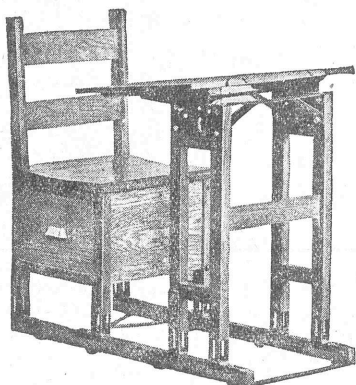
They permit flexibility in seating arrangements, thus facilitating instruction through the use of varied and specifically applied grouping.

Moyer's Chair Desks permit the use of a fully cleared room for unrestricted physical exercises and invite a freedom of action impossible to enjoy in the restricted aisle spaces made necessary by screwed down desks.

The Desk part has four desk functions:—

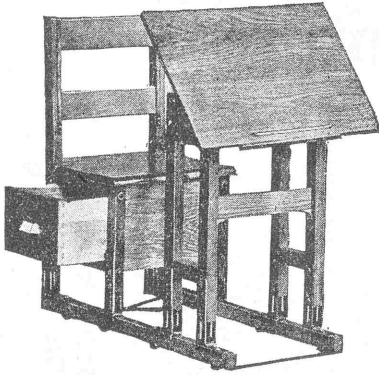
- A. Vertical Adjustment for Height of Desk.
- B. Plus and Minus or Sliding Top to the pupil or away from the pupil.
- C. Adjustment of slant of top, four adjustments as is shown in the four cuts on this page.
- D. Horizontal Adjustment of Desk Standards.

Endorsed by Seating Experts and Educators.



THE BEST ADJUSTABLE CHAIR DESK ON THE MARKET

WHEN A BETTER DESK IS MADE—WE'LL MAKE IT



Top Tilted. Pupil Enters from Either Side.

In some Provinces a Special Grant is allowed by the Government if this style of Desk is installed in one room.

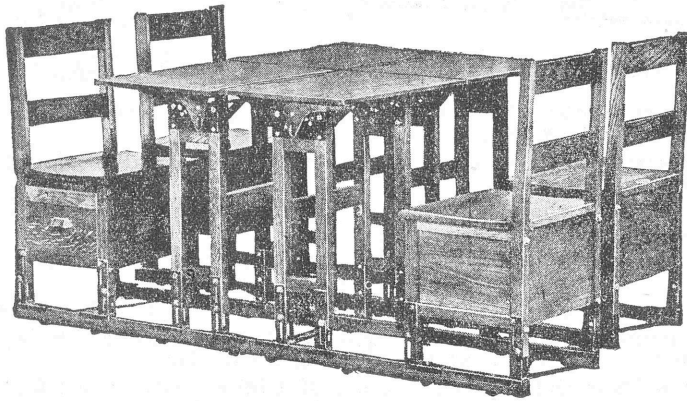
This is to encourage the use of the School as a "Community Centre."

SIZES

No. 1—For Pupils 15 to 20. Price **\$19.00**

No. 2—For Pupils 11 to 14. Price **18.75**

No. 3—For Pupils 5 to 10. Price **18.50**



Moyer Chair Desks cannot be shipped "Set up".

We pay freight on Pupils' and Teachers' Desks to all Railroad Stations as follows:

60% to all points in Quebec and Ontario south of and including Sudbury.

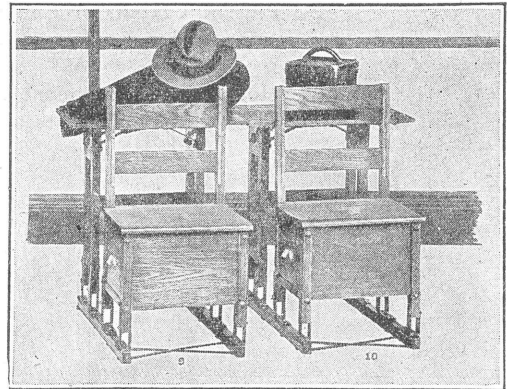
50c a hundred north and west of Sudbury to the Manitoba boundary and in New Brunswick, Nova Scotia, and Prince Edward Island.

The **"MOYER" CHAIR DESK** slides easily on the floor and may be grouped quickly at pleasure.

Both Chair and Desk may be reversed on the base.

Large Book Space in Drawer.

Our desks accommodate themselves to each and every need of the class room, and may be quickly arranged for community purposes.



By backing the desks against the wall and reversing the chairs the floor is cleared for group exercises, drill, calisthenics, marching, concerts, etc.

Better pay the price for GOOD Desks than the penalty of poor ones.

WE SELL FROM COAST TO COAST

NEW EMPIRE "SANITARY" SINGLE DESK

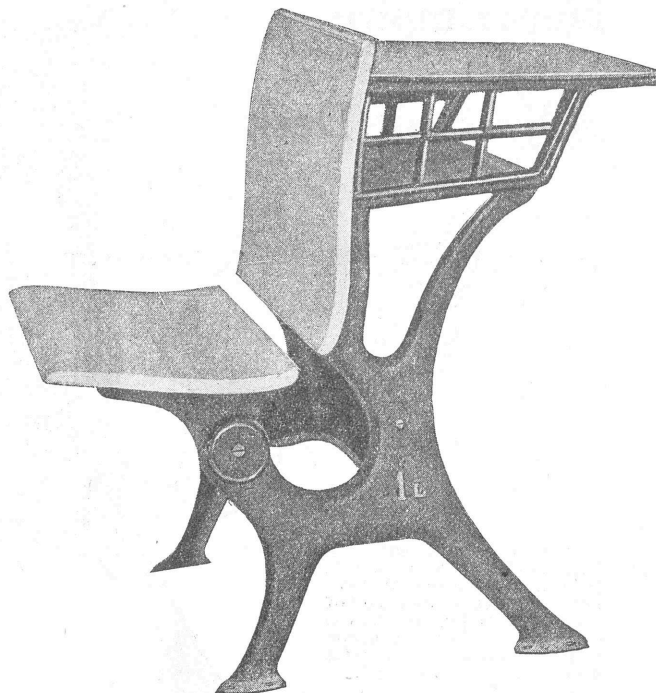
**NEATNESS STRENGTH
and COMFORT Combined**

**PERFECT FINISH
ABSOLUTELY NOISELESS**

We pay freight on Pupils' and Teachers' Desks to all Railroad Stations as follows:

60% to all points in Quebec and Ontario south of and including Sudbury.

50c a hundred north and west of Sudbury to the Manitoba boundary and in New Brunswick, Nova Scotia, and Prince Edward Island.



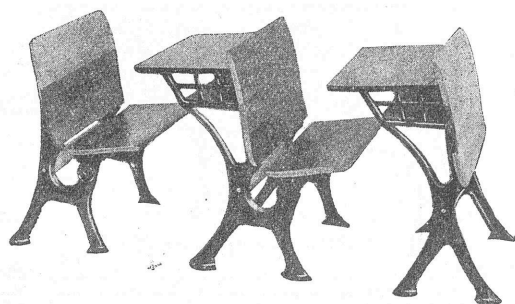
MADE ALSO IN DOUBLE ENTIRE STYLES

Prices only of the Two Styles Given

No. or Size	Age of Pupil	Height of Seat From Floor	Width of Top	Height of Top of Desk From Floor	Floor Space	Prices of Single Desks	Prices of Double Desks
1	16 to 21	17 in.	15 in.	29 in.	28 in.	Nos. 1 or 2 \$9.65	Nos. 1 or 2 \$11.55
2	15 to 18	16 in.	15 in.	28 in.	27 in.		
3	11 to 14	15 in.	14 in.	26 in.	25 in.	Nos. 3 or 4 \$9.20	Nos. 3 or 4 \$11.05
4	10 to 13	14 in.	14 in.	25 in.	24 in.		
5	7 to 9	13 in.	13 in.	23 in.	22 in.	Nos. 5 or 6 \$8.75	Nos. 5 or 6 \$10.55
6	5 to 7	12 in.	13 in.	22 in.	21 in.		

Rear Seats or Front Desks—Single, All Sizes \$7.80

Rear Seats or Front Desks—Double, All Sizes 9.35



NEW EMPIRE SINGLE SCHOOL DESKS

This Half-Tone Engraving shows a Rear, a Complete Desk, and a Front.

Non-adjustable Desks are made in six sizes. One size only should be in each row with a Rear and Front to complete it.

All Pupils' Desks are shipped "Knocked down". If required shipped "Set up" an extra charge of 40c per Desk is made. Customer must assume risk of damage in transit when shipped "Set up".

IF IT'S SCHOOL EQUIPMENT—WE HAVE IT

New Empire Single Adjustable Desk



All Pupils' Desks are shipped "Knocked down". If required shipped "Set up" an extra charge of 40c per Desk is made. Customer must assume risk of damage in transit when shipped "Set up".

We pay freight on Pupils' and Teachers' Desks to all Railroad Stations as follows:

60% to all points in Quebec and Ontario south of and including Sudbury.

50c a hundred north and west of Sudbury to the Manitoba boundary and in New Brunswick, Nova Scotia, and Prince Edward Island.

In buying an Adjustable Desk you will be influenced by the following general features:

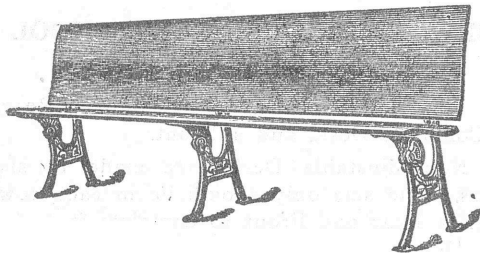
QUALITY, COMFORT, DURABILITY, SIMPLICITY OF CONSTRUCTION, APPEARANCE, AND SANITATION

The adjustment is positive. Either top or seat can be adjusted independently of the other by simply applying the wrench to the adjusting nut, which is attached to a connecting rod passing through two pinion wheels at either side of the desk. These pinions operate in racks with teeth and insure both sides of the desk to move simultaneously. The seat has both horizontal and perpendicular movement.

MADE IN THREE SIZES

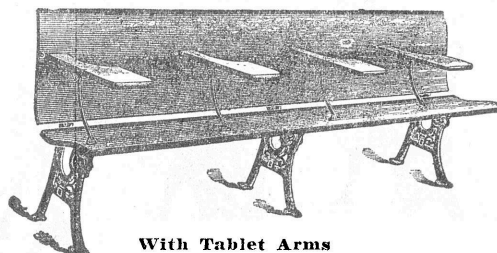
A—Large, each	\$11.55
B—Medium, each	11.05
C—Small, each	10.55
Front Desks and Rear Seats, each	9.35

FOLDING RECITATION SEATS



6 feet long	\$16.60
8 feet long	20.00
10 feet long	23.00

FOLDING RECITATION SEATS



With Tablet Arms

6 feet long	\$20.00
8 feet long	22.40
10 feet long	26.00

WHEN A BETTER DESK IS MADE—WE'LL MAKE IT

Harvard Adjustable Desk and Chair

**With
Lifting Lid**

Harvard Desks and Chairs cannot be shipped "Set up".

Made in Three Sizes of Boxes: 28" x 20", 26" x 18", 24" x 16".

Standard Box, 26" x 18", carried regularly.

Larger and smaller sizes made to order.



PRICES:

Box 24"—Complete with Chair.....	\$15.80
Box 26"—Complete with Chair.....	16.00
Box 28"—Complete with Chair.....	16.45

HARVARD ADJUSTABLE DESK AND CHAIR



**With Open Front
Box Desk**

Constructed similarly to the Lifting Lid, but having a Stationary Top and Open Front Box.

Made in 26" Box only.

Price **\$14.15**

IF IT'S SCHOOL FURNITURE—WE HAVE IT

TEACHER'S SANITARY DESK

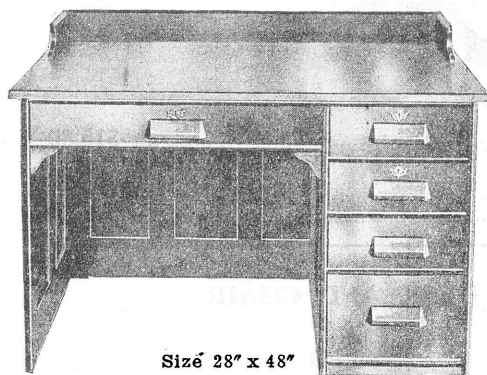


Size 28" x 48"

An exceptionally fine Teacher's Desk. Designed to meet a growing demand for a Sanitary Desk. Made of Selected Hardwood, solid Top, Three Side Drawers, One Centre Drawer.

No. 3-S

Price

\$37.50

Size 28" x 48"

TEACHER'S DESK, No. 3

Made in Hardwood, beautifully finished in light oak. Solid Top, Three Locked Drawers, Two filing Drawers.

Price **\$35.00**



Size 28" x 48"

TEACHER'S DESK, No. 4

Fine large drawers, two locked. A special compartment for larger Books and Records.

Price **\$37.00**

We pay freight on Pupils' and Teachers' Desks to all Railroad Stations as follows:

60% to all points in Quebec and Ontario south of and including Sudbury.

50c a hundred north and west of Sudbury to the Manitoba boundary and in New Brunswick, Nova Scotia and Prince Edward Island.



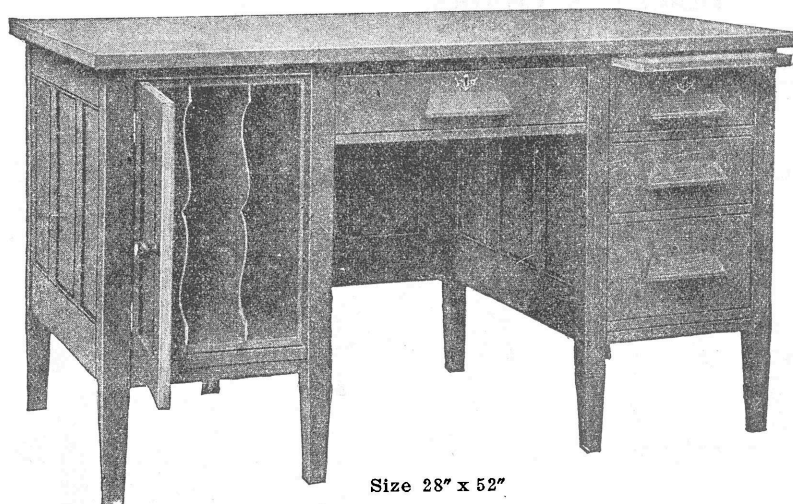
Size 28" x 48"

TEACHER'S DESK

No. 5

A very fine Desk where extra drawer space is desired. Nine drawers in all. Three top drawers locked.

Price **\$41.00**



Size 28" x 52"

**TEACHER'S
SANITARY
FLAT TOP DESK
No. 21**

Four Large Drawers.
Made in Hardwood.
Finished in Light Oak.
Sanitary Style.
Special Compartment
for Large Books
and Records.
Writing Shelf.

Price \$45.00

**TEACHER'S
SANITARY
FLAT TOP DESK
No. 22**

Seven Large Drawers.
Five Locked Drawers.
Writing Shelf on Right
Side.
Made in Hardwood.
Light Oak Finish.

Price \$47.00



Size 28" x 52"

**TEACHER'S
TABLE**

Very Strongly Built.
Large Top. One Large
Drawer.
Shipped Knocked Down.
An Ideal Article of Fur-
niture, where an in-
expensive desk is re-
quired.

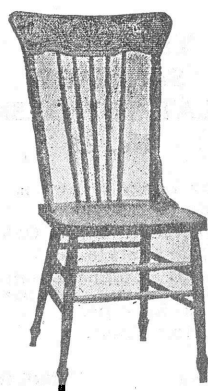
Price \$18.75



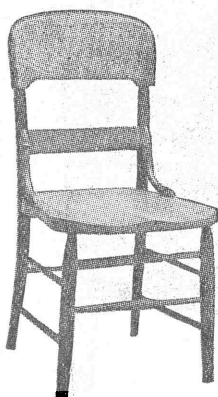
Size 54" x 28"

PRICES SUBJECT TO CHANGE WHEN NECESSARY

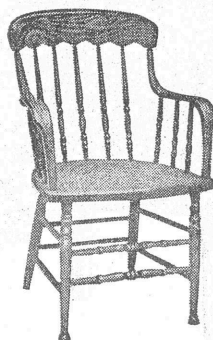
TEACHERS' CHAIRS



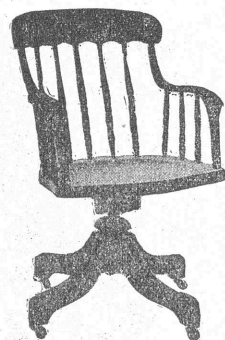
No. 2—\$3.00



No. 37—\$5.00



No. 3—\$7.60



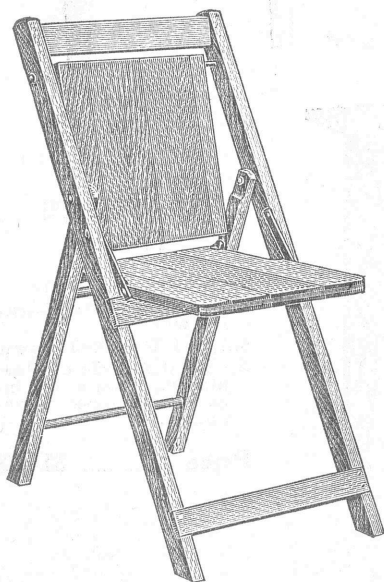
No. 4—\$15.25

When shipped with Pupils' and Teachers' Desks Chairs carry same freight allowance as Pupils' Desks. If shipped alone, prices are f.o.b.c. Factory.

Something New in FOLDING CHAIRS

STRONG ROOMY COMFORTABLE
FOLDS FLAT
DOES NOT TIP FORWARD

Price, each \$3.00



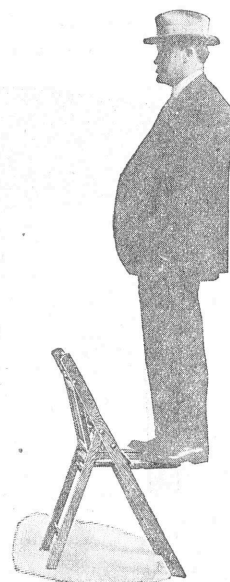
Steel rod extends through legs and is riveted fast.

All legs are heavy, straight stock — not easily broken.

All metal parts are riveted fast and cannot loosen.

Lower end of back is placed to rear to give comfort.

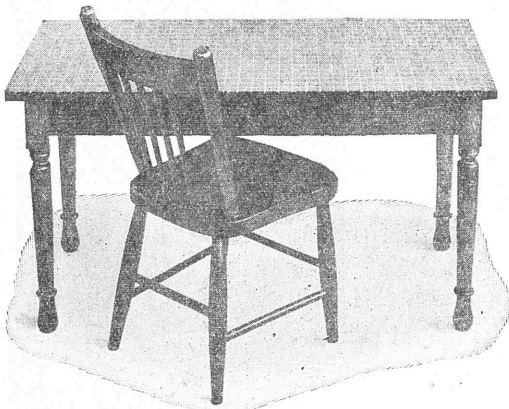
Heavy cross - rail to support weight and carry strain.



Folded Flat

WE DO NOT COMPETE WITH OTHERS IN PRICE

KINDERGARTEN TABLE AND CHAIR



Kindergarten Table—Made of selected hardwood with top scored in inch squares. The top is then inlaid in white, making it perfectly smooth but allowing scored squares to show very plainly.

It is very strongly built, shipped knocked down to ensure safety.

Made in two sizes, 36 inches and 72 inches long.

Table, 18 x 36 inchesPrice \$ 5.75

Table, 18 x 72 inchesPrice 11.80

Kindergarten Chairs, Each 1.75

When shipped with Pupils' and Teachers' Desks Kindergarten Furniture carries same freight allowance as Pupils' Desks. If shipped alone, prices are f.o.b.c. Factory.

MANUAL TRAINING BENCH

Made of Selected Hardwood. Very Convenient for Home or School use.

Price \$22.60

MANUAL TRAINING SUPPLIES

The following sets of Manual Training Supplies are based on the specifications for Manual Training equipment which we are constantly receiving. The tools are of standard make, and guaranteed by the manufacturer to be made of first-class materials and free from defects in manufacture.

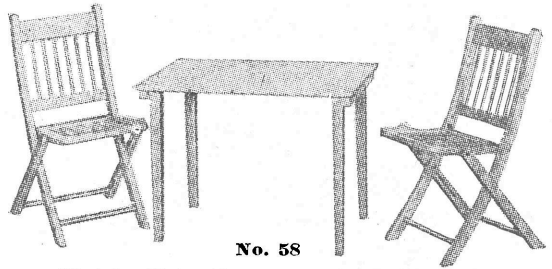
Set No. 01—\$63.05

General Tools for Six Students

1 Set Solid Center Genuine Irwin Auger Bits, (9 Bits)	\$9.75
1 Only 8" Stanley N.P. Ratchet Brace.....	5.25
1 " Rose Countersink	.50
1 " Screw Driver Bit	.40
1 " 9" Draw Knife	1.75
3 " No. 64 Spoke Shaves @ 60c.....	1.80
1 " 26" 6 pt. Royal Saw	5.00
1 " 22" 10 pt. Royal Saw	5.00
1 " No. 110 Coping Saw	.75
12 " Coping Saw Blades	.40
1 " 10" Half Round Cabinet Files.....	1.10
3 " 2 3/4 x 5 Cabinet Scrapers @ 65c.....	1.95
1 " 24x16 Steel Square No. 14.....	4.00
6 " 6" Carriage Maker's Clamps, @ \$1.65	9.90
1 " 7x2x1 India Oil Stone	3.00
1 " 13A Copperized Steel Oiler	.50
2 " 3 ft. Eccentric Steel Bar Clamps @ \$6.00	12.00
	\$63.05

FOLDING KINDERGARTEN SETS

Set consists of one No. 56 Table and two No. 49 chairs.



No. 58

Finish—Natural.

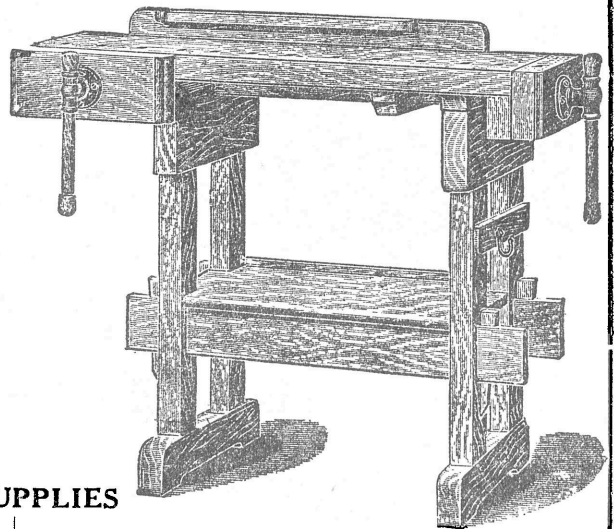
The special feature in connection with this set is that the chairs and table can be folded up when not in use.

Strong and well made. Size of Table, 18 inches wide, 26 inches long 20 inches high. Height of chair seat from floor 12 inches.

Price per Set, 1 table and 2 chairs \$10.00

Price for Table only 4.75

Price, for Chair only, each..... 2.75



Set No. 02—\$24.10

Individual Tools for Each Bench

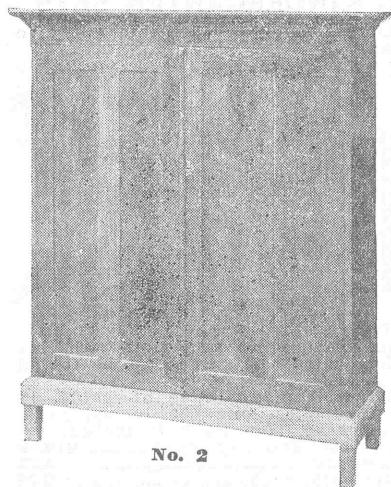
1 Only 14" No. 5 Bailey Jack Plane.....	\$8.00
1 " 10" No. 2 S. & D. Back Saw.....	4.50
1 " 13 oz. 2B Nail Hammer.....	2.60
1 " 6" No. 20 Try Square	1.20
1 " No. 61 Marking Gauge	.40
1 " 2 ft. No. 68 Rule	.45
1 " 3/8" B.E. Leather Tip Socket Chisel	1.15
1 " 3/4" B.E. Leather Tip Socket Chisel	1.35
1 " Sloyd Knife	1.20
1 " 3x5 No 1 Round Hickory Mallet....	1.15
1 " 1338x2 Bench Brush	1.10
1 " No. 252x6 Screw Driver	1.00
	\$24.10

Set No. 03—\$7.55

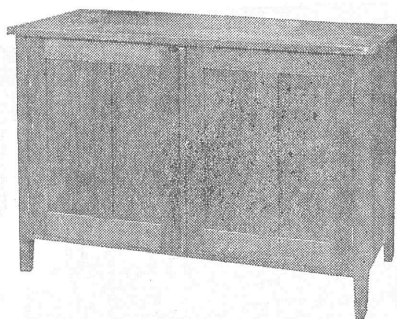
Wood Turning Tools

1 Only 3/8" Tanged Chisel	\$.95
1 " 3/4" Tanged Chisel	1.15
1 " 1 1/4" Tanged Gouge	1.20
1 " 5/8" Tanged Gouge	1.50
1 " 1/2" Parting Tool	1.50
5 " L.T. Chisel Handles @ 25c.....	1.25
	\$ 7.55

TRAIN THE BOY'S HAND AS WELL AS HIS MIND



No. 2



Book Cases

Hardwood

No. 1—BOOK CASE

Glass Doors with Lock.
Golden Oak Finish.
Height 50 inches.
Width 40 inches.
Depth 11 inches.

Price \$33.00

No. 2—BOOK CASE

Similar to No. 1 but with
Solid Wood Doors instead
of Glass, as per cut.

Price \$30.00

When shipped with Pupils' and Teachers' Desks Book-cases carry same freight allowance as Pupils' Desks. If shipped alone, prices are f.o.b.c. Factory.

SCHOOL CUPBOARD

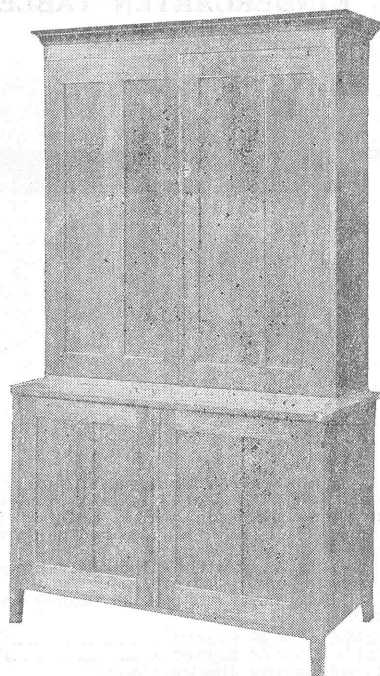
Height 30 inches.

Width 42 inches.

Depth 18½ inches.

Will accomodate Globe and other smaller Supplies.

Price \$25.00



COMBINATION BOOK CASE AND CUPBOARD

Either No. 1 or No. 2 Book Case, may be used as the upper section.

Price, with No. 1 Book Case \$55.00

Price, with No. 2 Book Case 52.00

Macey Sectional Book Case

This shows the Unit Idea as applied to

MACEY STANDARD BOOKCASES

You can start in with these three sections and insert extra Book Sections between the top and base as required. No need to buy any greater Book space than you need to start with—that's the beauty of the Unit Idea.

No. 10 Top Section



No. 23 Book Section



Inside Height, 8½ inches.
Inside Depth, 9½ inches.

No. 3 Book Section



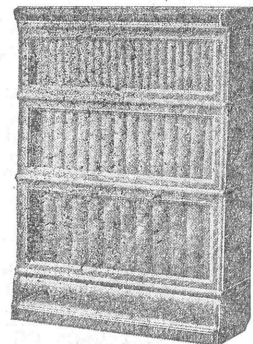
Inside Height, 10¼ inches.
Inside Depth, 9½ inches.

No. 4 Book Section



Inside Height 12½ inches.
Inside Depth, 9½ inches.

No. 13 Base Section



Top Section

Book Section

Base Section

All Sections 34 inches Wide.

Every Unit of Macey Book-cases is a solid unit which is always ready to be put in place and does not require to be put together after you get it like some makes of sectional book case units.

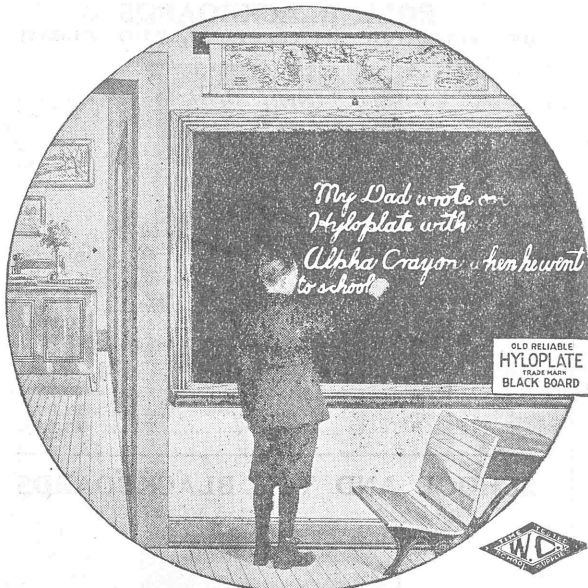
This is one reason why Macey Book-cases give such universal satisfaction.

No. 10—Top Section.....\$ 5.00
No. 23—Book Section..... 8.00

No. 3—Book Section.....\$8.00
No. 4—Book Section..... 8.00

No. 13—Base Section.....\$ 5.00

WE DO NOT COMPETE WITH OTHERS IN PRICE



THE MANUFACTURER'S GUARANTEE

Genuine trade-marked **HYLOPLATE** is guaranteed by the manufacturers to give entire satisfaction and for ten years or more of school-room use. The guarantee is liberal and leaves entirely to purchaser the question of whether the blackboard is satisfactory and as represented.

To secure this liberal guarantee and the protection it affords, all you need to do is to make sure that your order has been filled with genuine Hyloplate. There is only one **HYLOPLATE** blackboard. The name is registered as a trade-mark, and is die cut into the back at frequent intervals. None but genuine **HYLOPLATE** may be legally offered as such. The guarantee covers genuine Hyloplate, but does not protect you on any blackboard accepted as **HYLOPLATE** or "the same as **HYLOPLATE**," on which the words "**TRADE MARK HYLOPLATE**" do not appear. Look for the name.

MOYER'S HYLOPLATE MOULDINGS

This moulding should be used in all cases to insure the best results from "Hyloplate".

Full instructions for putting up go with every shipment of "Hyloplate".

PRICE FOR MOULDINGS

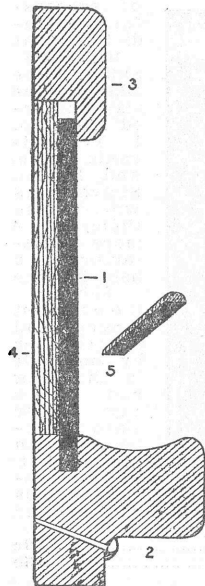
Chalk Trough—For Bottom of Board and to hold Chalk and Erasers. Per Lineal Foot **10c**

Trim—Moulding for Top and Ends. Per Lineal Foot..... **10c**

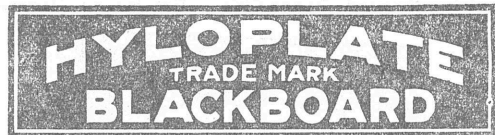
Back Stripping—Between "Hyloplate" and Wall. Per strip **05c**

Half Round—For Covering Joints Per Foot **03c**

When ordering, just say: "**SEND MOULDINGS REQUIRED, AND WE WILL DO THE REST.**"



OLD RELIABLE



"Thirty Years Reputation Behind It."

"**OLD RELIABLE**" **HYLOPLATE** needs no introduction or description. School Boards have been buying it for over thirty years. It is now better than ever.

The same positive ten-year guarantee still goes with every foot we sell. We take all the risk of defects and no questions asked.

Price, per Square Foot.....45c

Fraction of a foot charged as a full foot.

Made only 3, 3½ and 4 feet wide, but in any length up to 12 feet.

"**HYLOPLATE**" Blackboard may be cut with an ordinary saw.

Be sure to specify **HYLOPLATE** by name this year above all years. The velvet writing surface is most economical in the use of crayon and is erased completely with a minimum of effort and eraser wear. One-third of a century of service is the record of "Old Reliable" **HYLOPLATE** blackboard and is assurance of its sterling worth.

HYLOPLATE never sweats, never gets greasy. It is sanitary. It has a uniform dead jet **BLACK** elastic velvet writing surface that is not noisy when written upon and that does not chip, crack or "spider check." Any kind of chalk or crayon may be used.

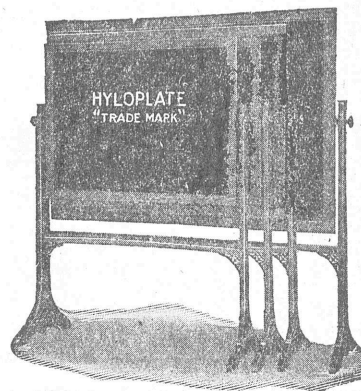
HYLOPLATE costs little if any more than blackboards with a less enviable record for satisfactory performance. It is economy to buy the "Old Reliable."

HYLOPLATE is carried in stock in our three warehouses and is always available for immediate shipment.

There is no breakage in transit and the freight is little.

HYLOPLATE is easily installed by anyone who can use a saw and hammer, on any sort of a wall; even on bare studding. Full directions accompany each shipment.

STYLE "D" REVERSIBLE BLACKBOARDS



Made of Genuine double thickness "Hyloplate", slated on both sides. Solid oak frame, in natural finish. Can be reversed instantly, or easily taken apart.

The hand screws at the side act as pivots and permit the Board being fastened at any angle.

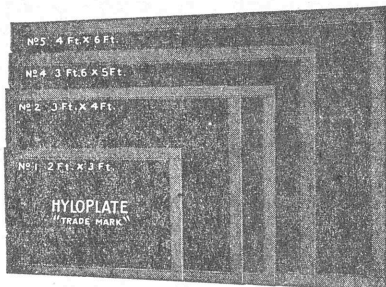
When ordering give size as well as number.

No. 1D—3	x4	feet		\$40.00
No. 2D—3	x4½	feet		44.00
No. 3D—3½	x5	feet		48.00
No. 4D—4	x6	feet		57.50

IF IT'S SCHOOL EQUIPMENT—WE HAVE IT

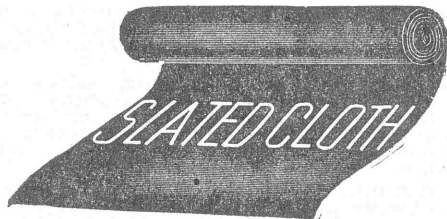
FRAMED BLACKBOARDS

Made of Extra Thickness of "Hyloplate"
Finished on Both Sides—Hardwood Frame



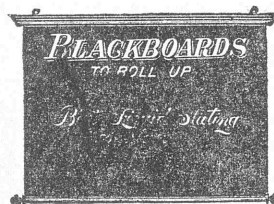
No.	Size	STYLE B.	Price
1.	2 x 3 feet		\$10.00
2.	3 x 4 feet		16.75
3.	3 x 4½ feet		19.00
4.	3½ x 5 feet		24.00
5.	4 x 6 feet		31.50

Music Lines or Staff Extra.

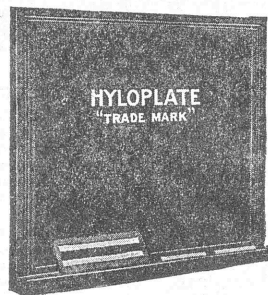
SLATED BLACKBOARD CLOTH

For making additional Blackboards, Small Spaces and for Temporary Blackboards.

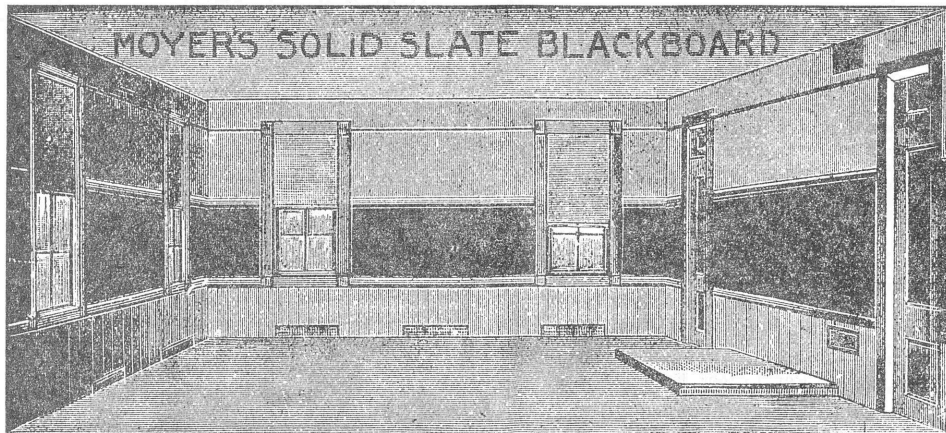
36-in. wide, slated one side,	per lineal yd.	\$2.50
48-in. wide, slated one side,	per lineal yd.	3.00
36 in. wide, slated two sides,	per lineal yd.	3.00
48-in. wide, slated two sides,	per lineal yd.	3.50

ROLL BLACKBOARDS
OF SUPERIOR QUALITY SLATED CLOTH

No.	Size	Finished on Two Sides
2.	3 x 3 feet	\$4.50
3.	3 x 4 feet	6.00
4.	3 x 5 feet	7.25
5.	3 x 6 feet	8.50
6.	3 x 7 feet	9.75
7.	4 x 4 feet	10.75
8.	4 x 5 feet	12.00
9.	4 x 6 feet	13.25

SCHOOL AND TOY BLACKBOARDS

No. 1—15 x 18 inches	\$2.25
No. 2—18 x 24 inches	2.50
No. 3—21 x 30 inches	3.00
No. 4—24 x 36 inches	5.00
No. 5—36 x 48 inches	8.00

MOYER'S SOLID SLATE BLACKBOARDS

We guarantee all our boards to arrive at purchaser's freight station in good order, and will replace free of charge any board broken in transit, provided a written certificate of such breakage is furnished us, signed by the freight agent at receiving point, and setting forth size of board or boards broken.

36-in. wide, per square foot.....	.70c	48-in. wide, per square foot.....	.70c
42-in. wide, per square foot.....	.70c	54-in. wide, per square foot.....	.75c

All Prices F.O.B.C. Toronto.

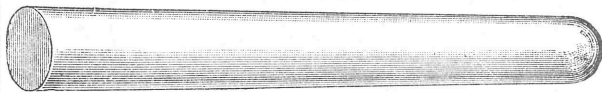
We assert without fear of successful contradiction, that

MOYER'S Solid Slate Blackboards manufactured from No. 1 Pennsylvania Slate, and Hand Shaved as we finish them, are more satisfactory to use in the School Room last longer and are cheaper by one-half in the long run than any other Slate Blackboard on the market.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

BLACKBOARD CHALK CRAYONS

Waltham White Crayons



Per Gross Box45

Waltham Yellow Enamelled Crayon

Per Gross Box50

"Hygieia" Dustless Crayon

Per Gross Box \$1.00

5 Boxes for 4.50

"Alpha" Dustless Crayon

Per Gross Box \$.90

5 Boxes for 4.25

Colored Crayon—Best No. 1

These crayons are soft in texture and produce beautiful, soft, pastel-like effects. They can be made permanent with a fixative the same as pastels. A great variety of tints of these colors can be secured by mixing with ordinary white. The colors blend perfectly. Packed in the following assortments.

Per Gross Box, No. 510..... \$3.50

Per Half Gross Box, No. 520..... 1.90

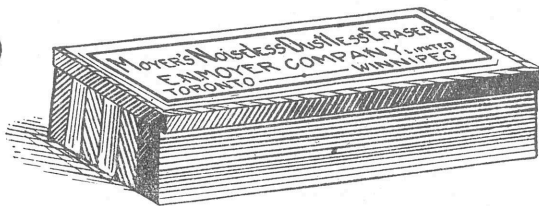
Per Box, Two dozen Crayons, No. 570..... .75

Per Box, One dozen Crayons, No. 530..... .40

See Pages 79 and 80 for Crayons in small Boxes.

BLACKBOARD ERASERS

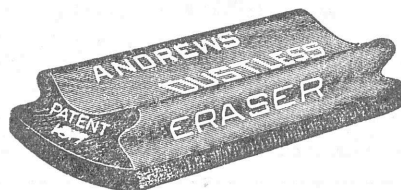
Moyer's Noiseless and Dustless Eraser



Made entirely of the best wool felt firmly glued to wood block, consequently it always retains its shape and wearing quality. No thread or stitches to become loose. No hard substance to injure Blackboard. Absolutely noiseless and the wearing depth is five times greater than that of ordinary Erasers.

Per dozen in box \$4.00

Price, each35

The Andrews Dustless Wood Felt Eraser

This Eraser is made of wool felt, so applied that the rubbing is done by the ends of the fibre, consequently the Board is cleaned more thoroughly and the wearing quality of the Eraser increased. It gathers and holds dust and is cleaned by rapping on a board or hard surface.

Per dozen in box \$1.75

Price, each15

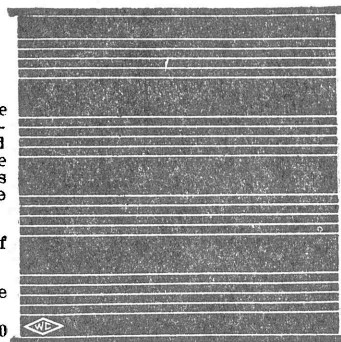
MUSIC CHARTS

Hand made on best quality Slated Cloth, double faced. Lines white on one side only.

4 staves of 5 lines each.

No. 3M—Size 4x3 feet.

Each..... \$7.50

**Colored Crayons in Solid Colors**

FIRST GRADE

12 Sticks in Wooden Box—One Color only to the Box.

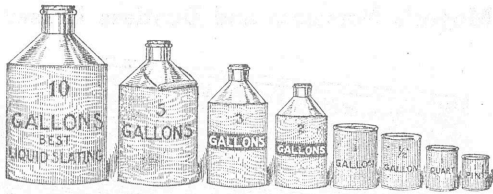
Boxes will not be Broken.

Colors — RED, ORANGE, YELLOW, GREEN, BLUE, and BROWN.

Price, per Box 40c

FOR 37 YEARS CANADA'S SCHOOL FURNISHERS

LIQUID BLACKBOARD SLATING



For re-finishing old Blackboards or for making new Blackboards on Wood or Plaster, for temporary use.

For the Best Permanent Blackboard buy "OLD RELIABLE HYLOPLATE."

Liquid Slating is supplied in Black.

PRICES

Per Pint	\$1.50
Per Quart	2.50
Per Half-Gallon	4.50
Per Gallon	8.50

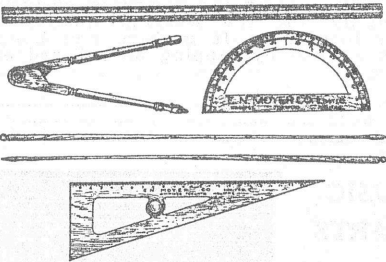
SLATING BRUSHES

To get the best results in applying "Liquid Slating" we recommend our special Slating Brushes.

Best Quality Bear's Hair Brushes

3 inches wide, each	\$1.50
4 inches wide, each	2.50
5 inches wide, each	3.75

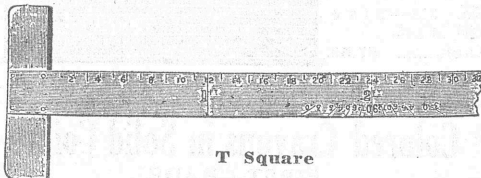
BLACKBOARD GEOMETRY SET



Protractor, 15½ inches. Triangle, 24 inches. Pair of Compasses. Two Pointers. Straight Edge. More Pieces than any other set.

Complete \$5.00

GEOMETRICAL INSTRUMENTS



T Square

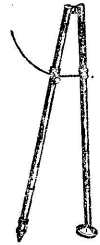
Straight Edge, 36" with Handle.....	\$1.00
T-Square, graduated	1.00
Protractor, graduated	1.25
Triangle, 30-60 degrees	1.25
Triangle, 45 degrees	2.00
Compass, No. 1	2.50
Compass, No. 3	1.00
Metric Ruler, 1 metre	.75

BLACKBOARD CRAYON COMPASSES

Crayon Compass No. 1

Legs 18-in. long. Solid mahogany with adjustable holder. Rubber foot on a Ball joint to protect Blackboard.

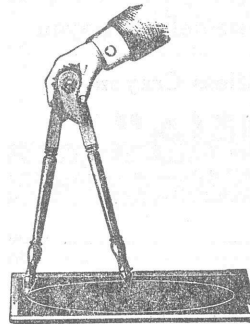
Price, each \$2.50



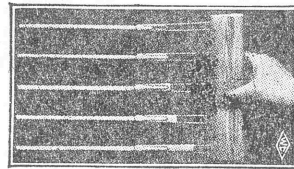
Crayon Compass No. 3

Made of Maple, with rubber foot, adjustable Crayon Holder. Extra strong and substantial. Longer than most compasses of similar style. The screw adjustment at the top works perfectly and holds compasses at and spread desired.

Price, each \$1.00



RAPID BLACKBOARD LINER



For ruling Blackboard quickly and accurately for Music and Penmanship.

Price, each90c

BLACKBOARD POINTER



Made of Hardwood, Rubber Tipped. Screw eye in handle for hanging up.

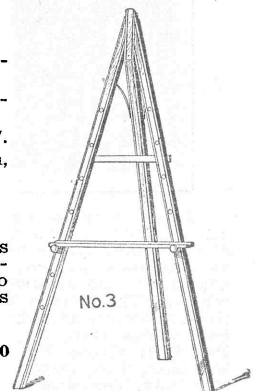
Price, each 35c; Five for \$1.50; Per dozen, \$3.00

BLACKBOARD EASEL

Height to top, 72 in.
Height to lowest adjustment, 18 in.
Height to highest adjustment, 50 in.
Number of Adjustments, 7.
Spread of feet at bottom, 28 in.
Finish, None.
Weight, each 20 lbs.

Has loose adjusting pins and shelf on which blackboard rests. Suited to blackboards 3 feet 6 inches in width.

Price, each \$4.80

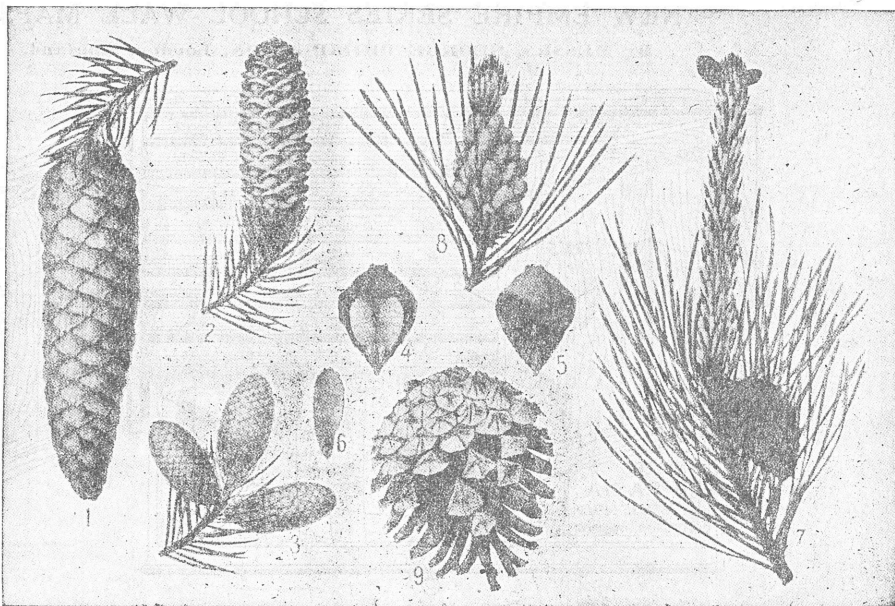


OTHERS CANNOT COMPETE WITH US IN QUALITY

NATURE STUDY

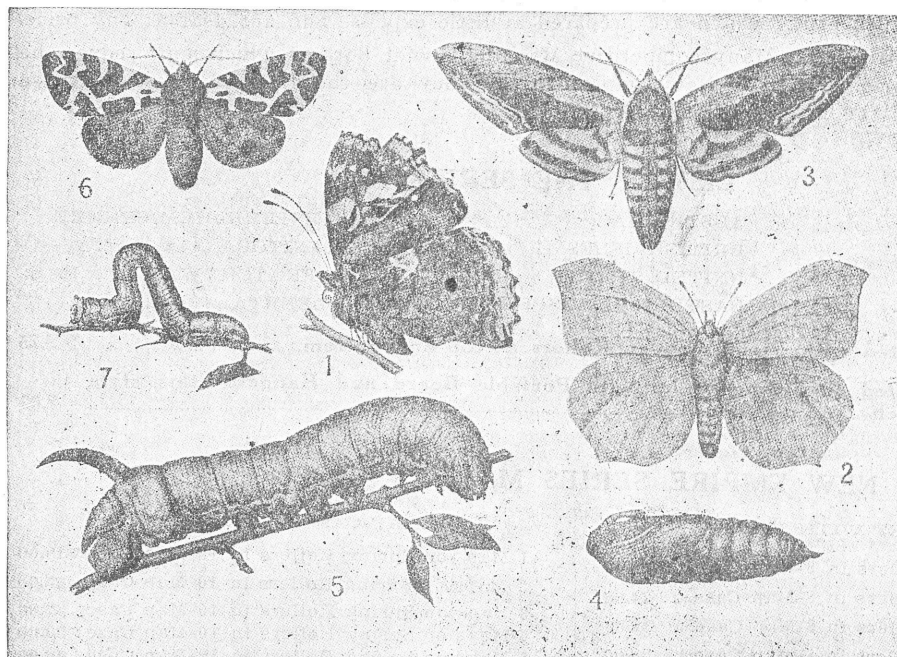
SIZE OF CHARTS 29 x 40

1. Beech and Oak Trees.
2. Horse - Chestnut and Elm Trees.
3. Fertilization by Insects.
4. Garden Pea.
5. Poppy and Charlock.
6. White Anemone, Lesser Celandine, and Buttercup.
7. Tulip and Narcissus.
8. Cereals, Wheat, Barley, Oats, and Rye.
9. Willow and Hazel.
10. Potato and Henbane.
11. Birch, Sycamore, Ash, Mountain-Ash, Lime and Bramble.
12. Pine and Scotch Fir Trees.
13. Oxlip and White Dead-Nettle.
14. Composite Plants, Dandelion, Oxeye Daisy, Burdock and Cornflower.
15. Cherry Tree, and Wild Rose.
16. Ferns, Mosses and Fungi.



STUDIES OF PLANT LIFE

Plant Life—Each \$2.50
Handbook50



STUDIES OF ANIMAL AND INSECT LIFE

Insect Life—Each \$2.50
Handbook50
Animal Life—Each 2.50
Handbook50

INSECT LIFE

1. Beetles (10 examples).
2. Straight Winged Insects (7 examples).
3. Membranous-Winged Insects (10 examples).
4. Water - Bugs, Aphides, etc. (9 examples).
5. Scale - Winged Insects (7 examples).
6. Two - Winged and Nerve-winged Insects (8 examples).

ANIMAL LIFE

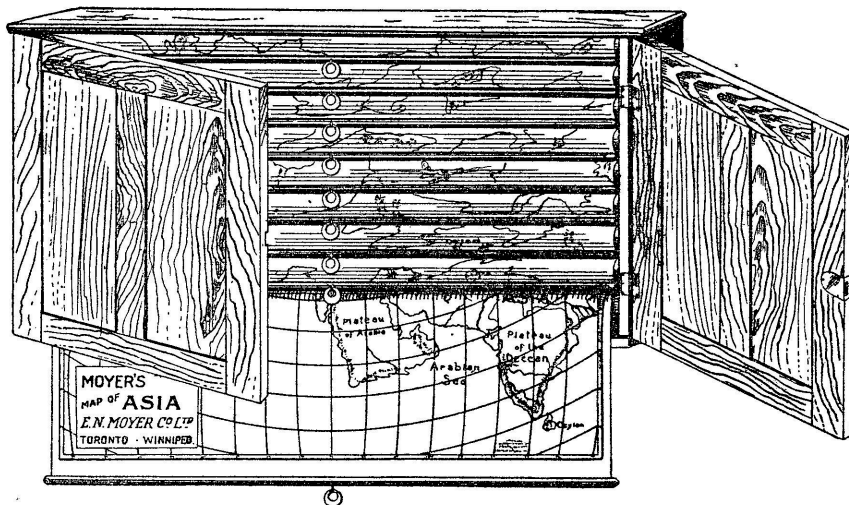
1. Farm-yard Life, containing fifteen examples.
2. Field Life, containing eighteen examples.
3. Forest Life, containing seventeen examples.
4. Pond Life, containing fifteen examples.
5. Birds of the Seashore, containing twenty-two examples.

SCHOLARS SHOULD KNOW SOMETHING OF NATURAL HISTORY

MAPS AND MAP CASES

NEW EMPIRE SERIES SCHOOL WALL MAPS

By MESSRS. GEORGE PHILIP & SON, London, England.



The utmost care is taken in making New Empire Maps. They are accurate in every detail and very attractively colored. They are as up-to-date as it is possible to make maps.

All of our maps are mounted on specially prepared map linen. They are not to be confused with cheap paper prints which are prepared at little expense and are dear at any price.

Our Maps are all map. Many competitive Maps have wide borders which must reduce the size of the actual map. Insist on New Empire Maps—They are the Best. Unless otherwise specified the size of the maps of this series is 41" x 60".

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NORTH AMERICA
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AFRICA

AUSTRALIA
BRITISH ISLES
UNITED STATES
EASTERN HEMISPHERE

WESTERN HEMISPHERE
MANITOBA, 41 x 72 in.
SASKATCHEWAN, 41 x 72 in.
ALBERTA, 41 x 72 in.

Single Maps—Mounted with Plain Wooden Rollers at top and bottom..... \$ 5.25
Single Maps—Mounted on Spring Roller with Portable Board and Hangers (this style preferable), each 7.00

NEW EMPIRE SERIES MAPS IN CASES

MAP CASES WITH MAPS

1 Map on Spring Rollers in 8-Map Case....	\$17.00
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3 Maps on Spring Rollers in 8-Map Case....	31.00
4 Maps on Spring Rollers in 8-Map Case....	38.00
5 Maps on Spring Rollers in 8-Map Case....	45.00
6 Maps on Spring Rollers in 8-Map Case....	52.00
7 Maps on Spring Rollers in 8-Map Case....	59.00
8 Maps on Spring Rollers in 8-Map Case....	66.00

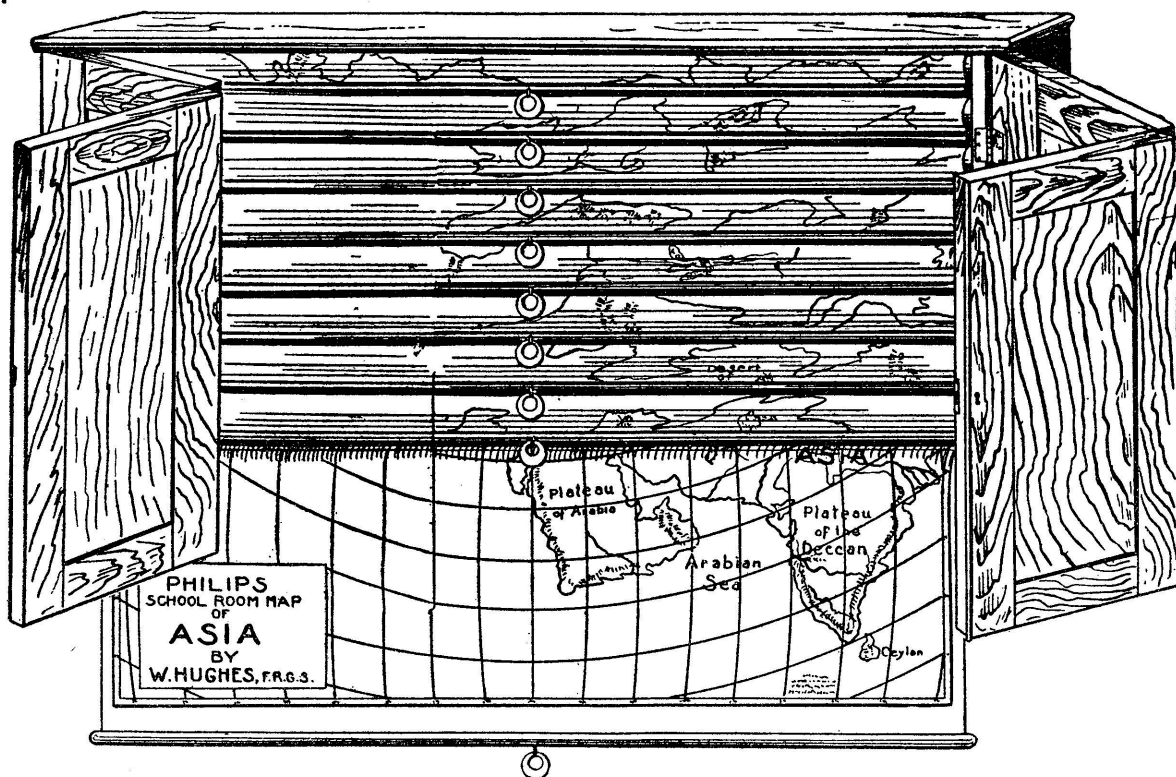
MAP CASES WITH MAPS

1 Map on Spring Rollers in 10-Map Case	\$18.00
2 Maps on Spring Rollers in 10-Map Case	25.00
3 Maps on Spring Rollers in 10-Map Case	32.00
4 Maps on Spring Rollers in 10-Map Case	39.00
5 Maps on Spring Rollers in 10-Map Case	46.00
6 Maps on Spring Rollers in 10-Map Case	53.00
7 Maps on Spring Rollers in 10-Map Case	60.00
8 Maps on Spring Rollers in 10-Map Case	67.00
9 Maps on Spring Rollers in 10-Map Case	73.00
10 Maps on Spring Rollers in 10-Map Case	82.00

AS IN OTHER THINGS—WE LEAD IN MAPS

**PHILIP'S SERIES OF
LARGE SCHOOL**
WALL MAPS

Made in England



The House of Philip & Son is the largest Map Publishing concern in the world. Their Maps are considered the standard, not only in Canada and Great Britain, but in all parts of the British Empire.

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BRITISH ISLES
UNITED STATES
HEMISPHERE WORLD
MERCATOR WORLD

ENGLAND
SCOTLAND
IRELAND
INDIA
PALESTINE

SIZE
68 x 54 INCHES.

All the above maps are up-to-date.

These maps are mounted in two styles: One with Plain Wood Rollers at top and bottom, known as Common Roller Mounting. The other style has a strong Spring Roller at the Top and a Heavy Wooden Roller at the bottom, and can be rolled up like a window shade when not in use. When ordering this style of mounting simply specify S.R.B. mounting.

Price per Map, Common Roller Mounting..... \$ 8.50
Price per Map, S.R.B. Mounting 11.00

PHILIP'S SERIES OF MAPS IN SPECIAL CASE

1 Map in 8-Map Case.....	\$33.35	5 Maps in 8-Map Case.....	\$68.65
2 Maps in 8-Map Case.....	42.15	6 Maps in 8-Map Case.....	77.45
3 Maps in 8-Map Case.....	51.05	7 Maps in 8-Map Case.....	86.25
4 Maps in 8-Map Case.....	59.85	8 Maps in 8-Map Case.....	95.05

Philip's Maps are used in Halifax, St. John, Montreal, Ottawa, Toronto, Winnipeg, Calgary, Edmonton, Vancouver, Victoria, and in thousands of Rural Schools throughout Canada.

Kampen's Classical Maps

A New Series for Class Demonstration.

Spring Rollers and Portable Boards recommended.

A New Series of Four Maps, especially suited to class-room work. The large distinct lettering and well defined boundary lines are features that will be appreciated by all. Rivers are boldly traced in black and mountains in shades of gray. Latin text.

	Size	Scale	Cloth back on plain roller	On spring roller and portable board with hangers
Ancient Greece	60 x 68 inches	1 : 375,000	\$11.00	\$13.50
Ancient Italy	60 x 68 inches	1 : 750,000	11.00	13.50
Ancient Gaul	68 x 60 inches	1 : 750,000	11.00	13.50
Roman Empire	80 x 68 inches	1 : 3,000,000	12.00	14.50

Albert De Kampen's Maps are recognized by Leading Educators throughout the entire World as the Standard. They have been prepared with great care and no expense has been spared to make them perfect in every detail. Cases are not made for these Maps.

OUR MAPS ARE ALL MAP—NO WASTE BORDER

NEW EMPIRE SERIES DOMINION OF CANADA AND NEWFOUNDLAND

By Messrs Geo. Philip & Son, London, Eng.

Showing each Province in a Separate Color with correct Boundaries. Rivers and Lakes in blue. All the latest Railways. Revised and up-to-date in every particular. Can be seen across the largest schoolroom.

Mounted on specially prepared linen, made in England, and in which there are no seams or joints to open up, as shown in other Maps.

Size, 80 x 80 inches.

Price on Linen and Rollers **\$10.00**

Price on Linen, with Spring Roller, Portable Board and Hangers **14.00**

Spring Roller and Portable Board recommended. See illustration on next page.

NEW EMPIRE SERIES MAP OF BRITISH COLUMBIA

By Messrs Geo. Philip & Son, London, Eng.

The only Complete Map of British Columbia yet made. To see it is to buy it.

Size, 60 x 60 inches.

Price on Linen and Rollers **\$ 7.50**

Price on Linen, with Spring Roller, Portable Board and Hangers **10.00**

These Large Maps should always be mounted on Spring Rollers and Portable Boards, as described on next page. They will not go in our Empire or Philip's Map Cases.

NEW EMPIRE SERIES MAP OF ONTARIO

By Messrs. Geo. Philip & Son, London, Eng.

Showing each Country in a Separate Color. Post Offices, even to the smallest, are clearly marked and distinctly lettered.

This Map is drawn on one scale, and gives the very latest information. It has been carefully compiled from the most recent surveys.

Mounted on the same superior Linen as all our Maps.

Size, 80 x 80 inches.

Price on Linen and Rollers..... **\$11.00**

Price on Linen, with Spring Roller,

Portable Board and Hangers..... **14.65**

Spring Roller and Portable Board recommended. See bottom of next page for description.

PROVINCE OF QUEBEC

An entirely new and up-to-date Map. Two editions—one printed in French and one in English. Some of the Features:—All Railroads constructed and projected in colors. Counties Townships, Post Offices, Steamship Routes, Hudson's Bay Posts, Heights of Land, Exploration Lines.

Size, 76 x 49 inches.

Printed on Linen and Rollers **\$10.00**

Price on Linen, with Spring Roller, Portable Board and Hangers **12.50**

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NEW EMPIRE SERIES BRITISH EMPIRE MAP OF THE WORLD IN HEMISPHERES

By Messrs Geo. Philip & Son, London, Eng.

Showing British Possessions in red, Coaling and Naval Stations of all nations and how fortified, Population of the different British Possessions, Steamship and Cable Routes. Comparative length of Rivers and heights of Mountains of both Hemispheres. Altogether the most complete and useful Map ever published. New and up-to-date.

Size, 80 x 60 inches.

Price on Linen and Rollers **\$10.00**

Price on Linen, with Spring Roller, Portable Board and Hangers **\$14.00**

Spring Roller and Portable Board recommended. See illustration on next page.

MAP OF MARITIME PROVINCES

By Messrs. Geo. Philip & Son, London, Eng.

Size 63 x 50 inches.

This Map gives full details of Counties, Railroads, and Post Offices in the Provinces of New Brunswick, Nova Scotia and Prince Edward Island. Each shown in separate colors.

Price on Linen and Rollers..... **\$ 8.00**

Price on Linen, with Spring Roller,

Portable Board and Hangers..... **11.00**

Spring Roller and Portable Board recommended. See bottom of next page for description.

OUR MAPS GIVE YOU SATISFACTION

Philip's Series of Physical School Wall Maps

WITH NAMES

This Series is NOT for
Beginners, but for
Advanced Students

MADE IN ENGLAND

Special Features

Physical Features are given special prominence. Shades and tints indicate the land elevations and water depths. The coast lines, rivers, lakes, etc., are well defined and lithographed in blue.

Uniformity of Scale and Comparison of Areas. To emphasize the comparative areas of the various regions of the world a uniform scale has been used for the Maps of the Continents.

The Political Boundaries are clearly shown by red lines, the Towns by red circles, varying in size according to importance, and the railways by black lines. The principal ocean routes with their lengths are given.



LIST OF THE SERIES

North America	74 x 59 in.	Africa	74 x 59 in.	England	80 x 63 in.
South America	74 x 59 in.	Australia	72 x 48 in.	Ireland	74 x 59 in.
Europe	80 x 63 in.	British Isles	74 x 59 in.	Scotland	74 x 59 in.
Asia	80 x 67 in.	Australasia	80 x 63 in.		

Price per Map on Linen and Rollers \$11.00

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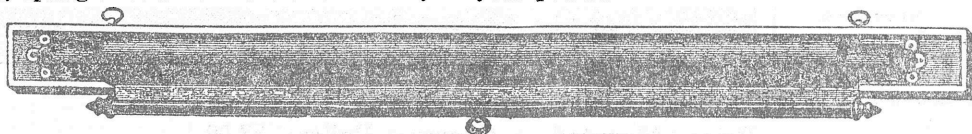
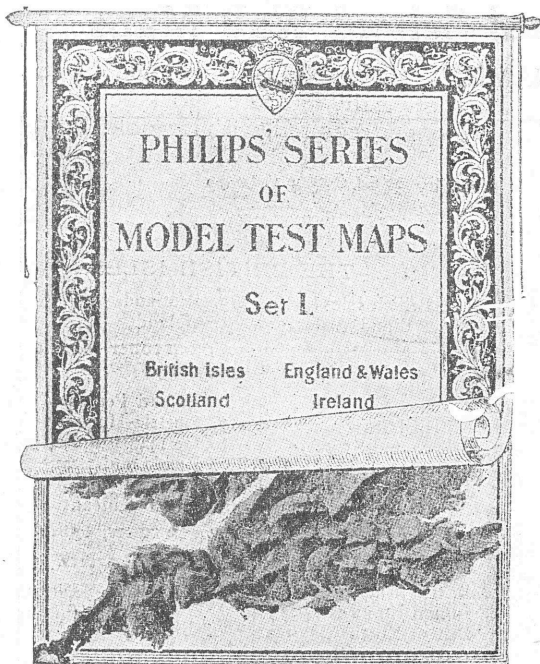


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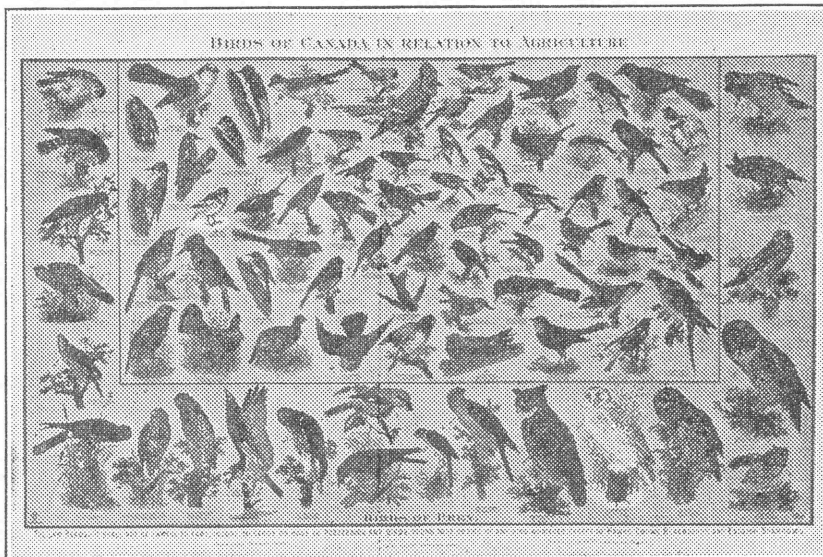
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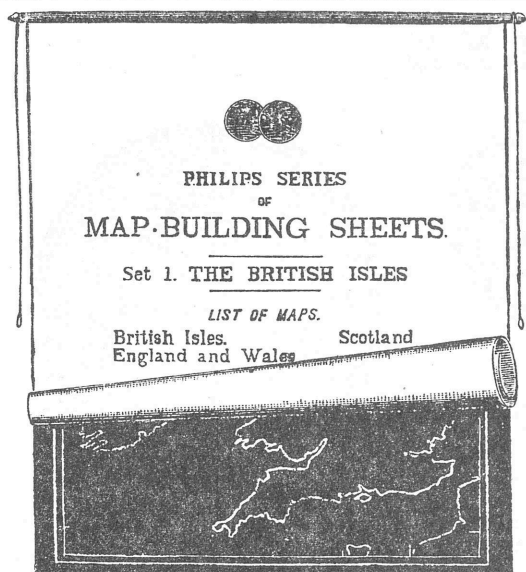
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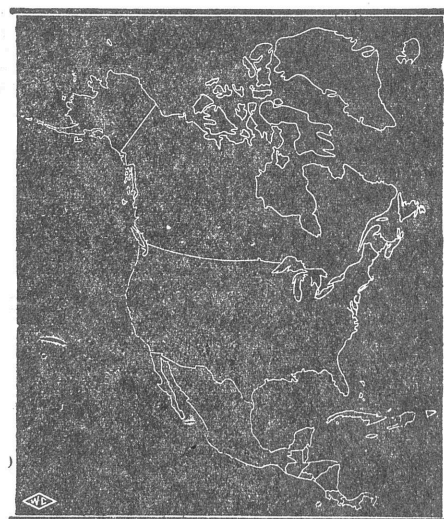
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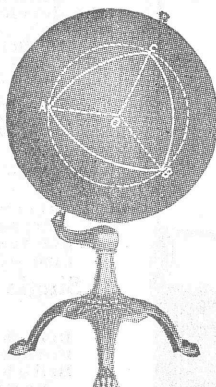
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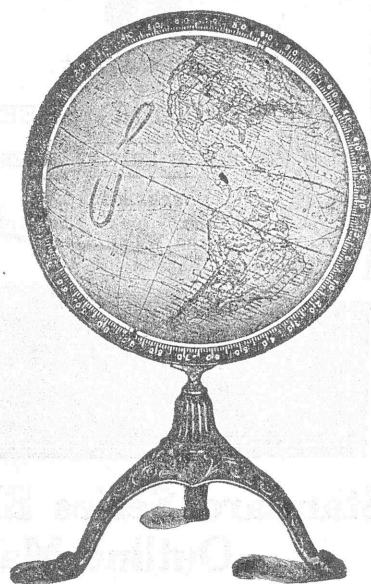
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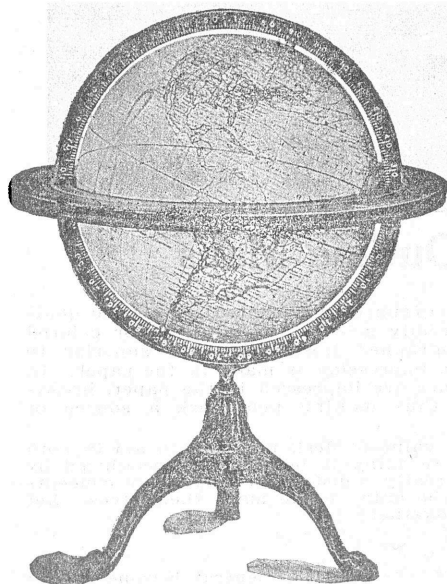
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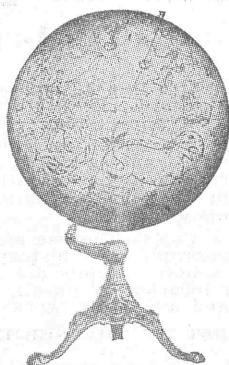
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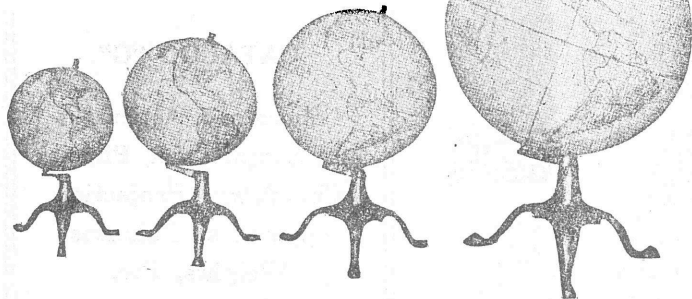
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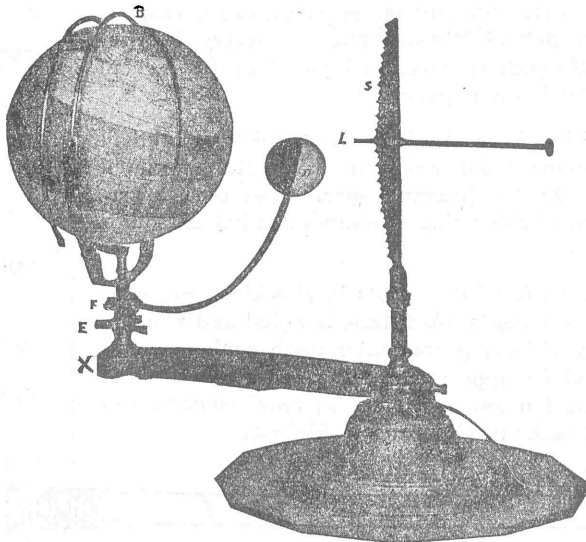
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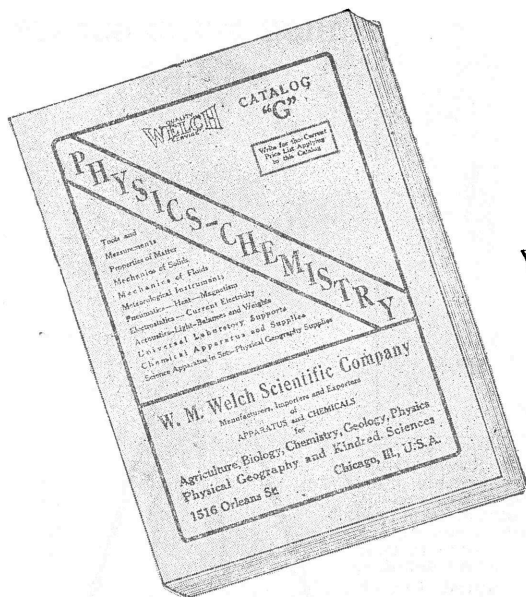
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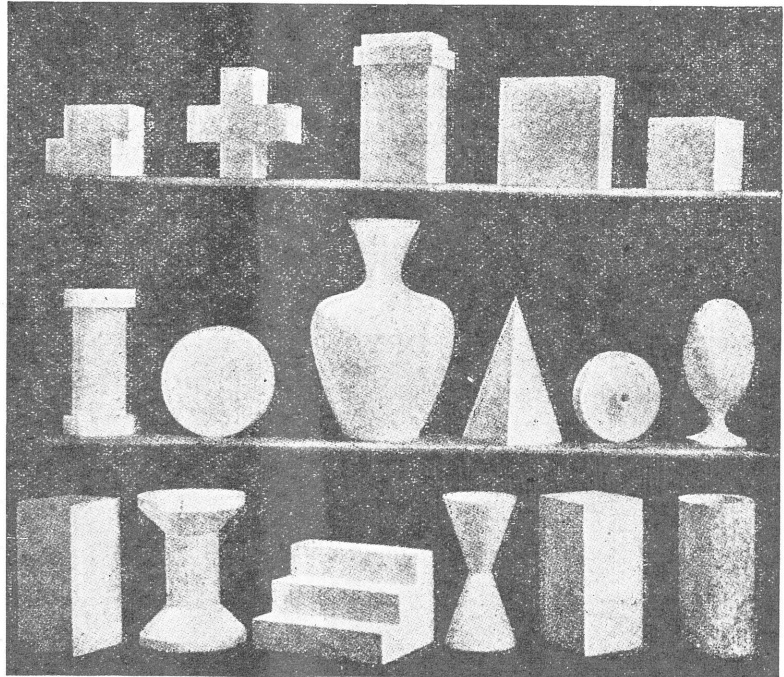
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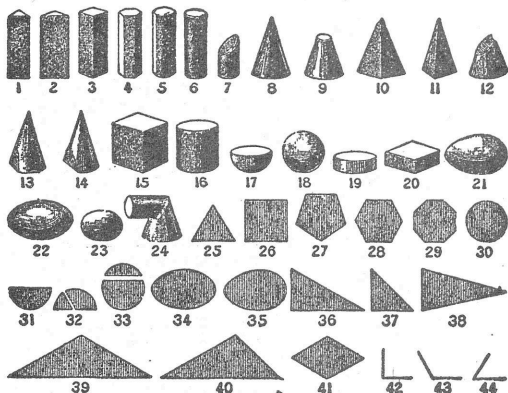


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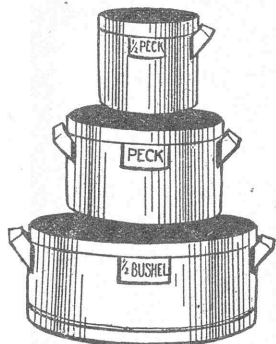
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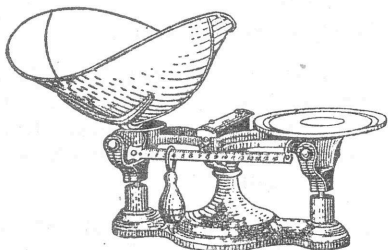
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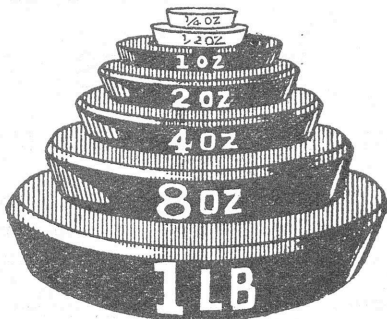
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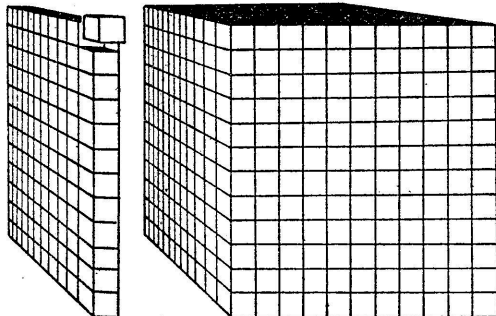
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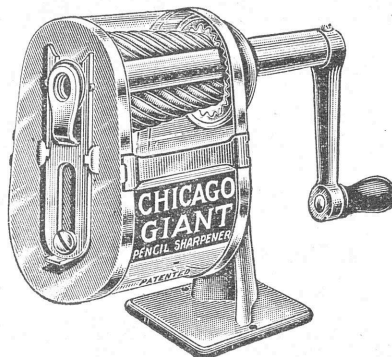
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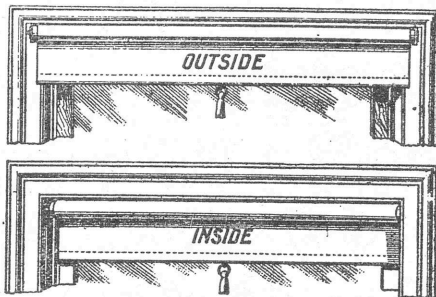
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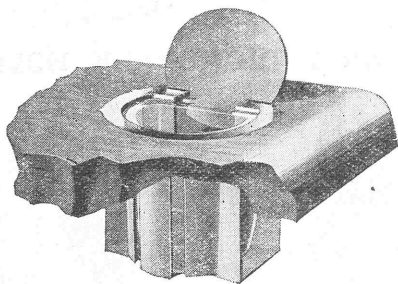
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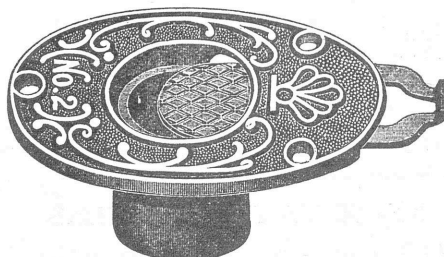
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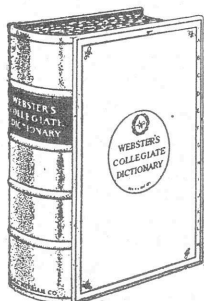
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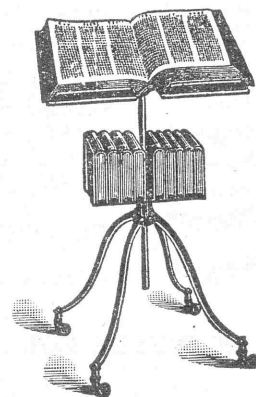
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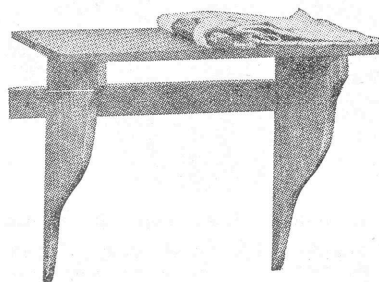
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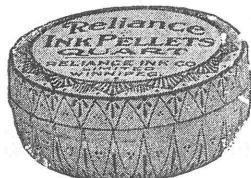
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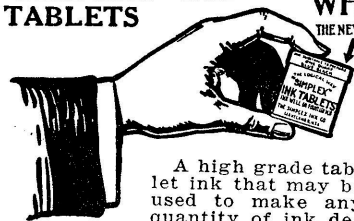
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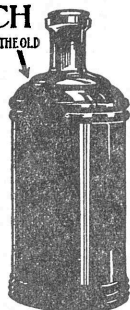
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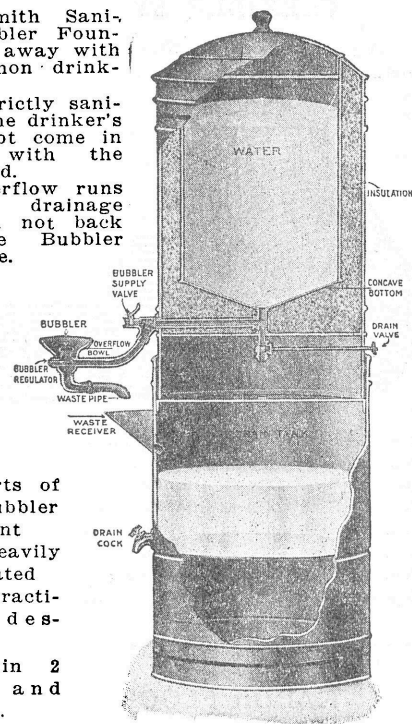
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Outside Diameter	14 in.	18 in.
Inside Diameter	11 in.	15 in.
Price— 9 Gallon	\$47.00	
18 Gallon	57.00	

(The 9 gallon size is recommended for Rural Town or Village School.)

**WATER COOLER**

3 Gallon. Heavy Insulation to keep water cool. Covered. Beautifully enamelled.

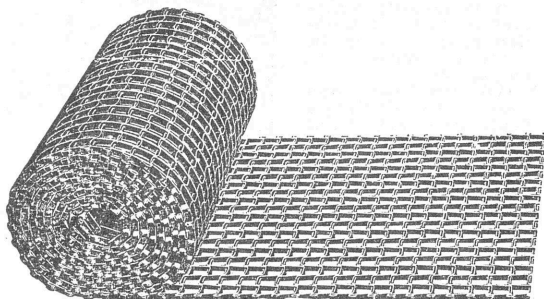
With Tap—
Price, each **\$9.40**

BETTER BE SURE THAN SORRY—ORDER SUPPLIES AHEAD

School Mats

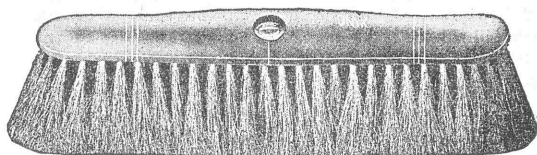
FLEXIBLE STEEL MATS

A perfect scraper. No corners to curl. Easily cleaned. Conforms to uneven places.



No. 1—Size 16 x 24 inches.....	\$ 2.40
No. 2—Size 18 x 30 inches.....	3.10
No. 3—Size 22 x 36 inches.....	4.50
No. 4—Size 24 x 42 inches.....	5.50
No. 5—Size 30 x 48 inches.....	8.50
No. 6—Size 36 x 54 inches.....	11.00
No. 7—Size 36 x 60 inches.....	13.25
No. 8—Size 40 x 72 inches.....	17.00

KADOR FLOOR BROOMS



Best quality pure black hair, wire drawn. Double hole, red polished block, screw handle. These will wear out several brooms and are much cheaper in the end.

No. 1—14 inch Brush with Handle	\$3.00
No. 2—16 inch Brush with Handle	4.00
No. 3—18 inch Brush with Handle	4.75

USE OUR SWEEPING COMPOUND WITH
FLOOR BROOMS

SANITARY SWEEPING COMPOUND

A Sweeping Compound and a disinfectant.

It gathers up minute particles of dust that would be left untouched by ordinary sweeping methods.

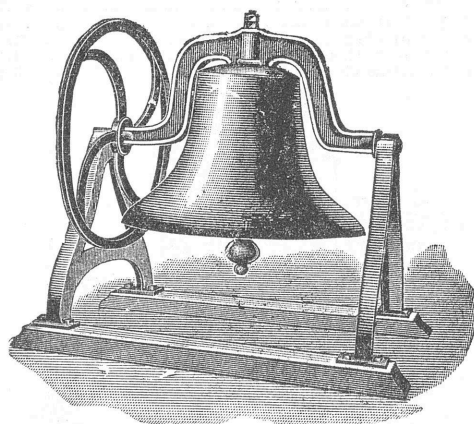
It contains antiseptic oils that purify the air and leave a pleasant odor.

PRICES

Per Drum, 70 lbs.	\$ 4.00
Per Barrel, 150 lbs.	7.25
Per Barrel, 250 lbs.	11.50
Per Can, 5 lbs.	.50
(6 Cans for \$2.50)	

BELLS

SCHOOL TOWER BELL



No. and Diam. in inches	App. Weight Complete	Price
20	160 lbs.	\$35.00
22	210 lbs.	40.00
24	265 lbs.	45.00
26	345 lbs.	65.00
28	420 lbs.	95.00
30	540 lbs.	108.00

A 24-in. Bell may be heard in all parts of the average School District.

WRITE FOR OUR
COMPLETE
BELL CATALOGUE
DESCRIBING
A FULL LINE OF
SCHOOL AND CHURCH
BELLS

PURE BELL METAL HAND BELLS

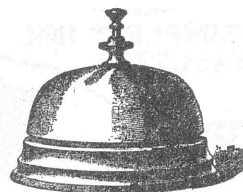
Highly Polished and Enameled
Handles.

No. 10—6 inch	\$4.00
No. 8—4 inch	2.00



DESK BELL

Pure Bell Metal
Nickel Plated.
No. 720 60c
No. 770 70c



REGULATION STRAP



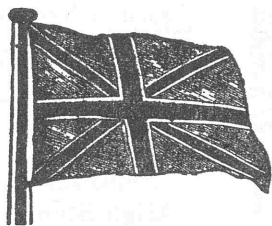
15 inches long35c

TRUE ECONOMY IS TO BUY THE BEST

FLAGS

BEST WOOL BUNTING

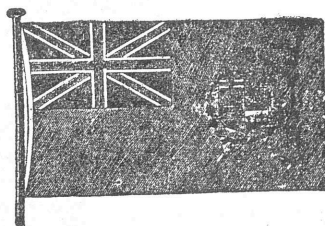
UNION JACK



4½ feet long....	\$ 6.00
6 feet long....	8.50
7½ feet long....	11.00
9 feet long....	15.00
10½ feet long....	19.00
12 feet long....	24.00
13½ feet long....	30.00

DOMINION ENSIGN

4½ feet....	\$ 7.00
6 feet....	10.50
7½ feet....	14.00
9 feet....	17.00
10½ feet....	21.00
12 feet....	24.00
13½ feet....	30.00



THE NEW SANITARY ERASER CLEANER

The New Sanitary Eraser Cleaner solves the problem of eraser cleaning. The illustration shows the simplicity of operation, but it does not show the satisfactory and sanitary method of disposing of the dust.

Briefly, the machine consists of a strong revolving fibre brush mounted on a cold rolled steel shaft running in brass bearings. Brush and bearings are encased in a neatly enameled galvanized hood. The eraser is inserted on an adjustable apron. A slight pressure on the eraser and a few turns of the crank thoroughly cleans any size, style or kind of eraser. The dust is carried around by the brush and deposited in the bottom drawer (see illustration) in which a little water has been placed.

There is nothing to get out of order. The machine is strongly built of best materials and will last indefinitely.

Sanitary—The cleaner is **NOISELESS** and **DUSTLESS**. All dust goes into the drawer at the bottom. A little oil or water is kept in the drawer to keep the dust from scattering.

Convenient—This apparatus takes little room and is strong and durable. It should be screwed securely to a board and the erasers from one room at a time cleaned. It can be used either in the school room or in the basement and will last a long time.

Economical—The machine will add life to the erasers as it does away with the old way of rapping them on hard surface to get the dust out of them.

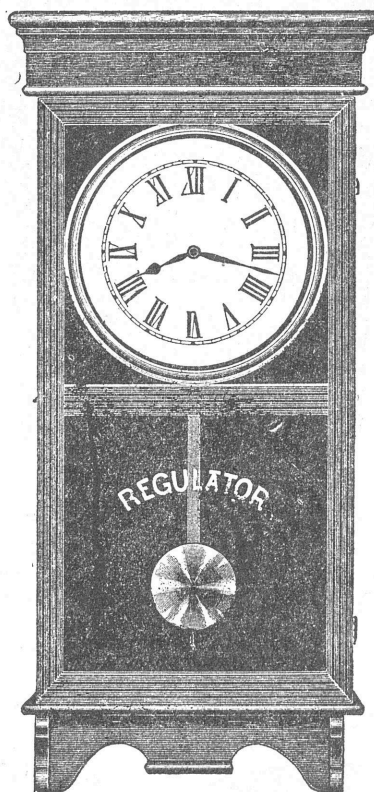
Weight being only 7 lbs. "The New Sanitary" can be sent by Parcel Post. Postage extra.

Price, each **\$14.00**



SCHOOL CLOCKS

"REGULATOR" CLOCK



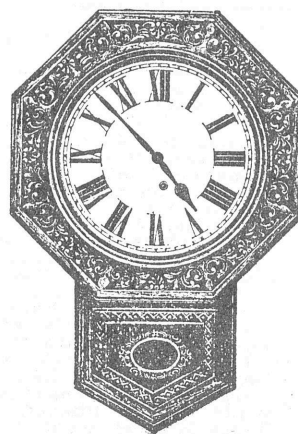
Large, beautifully finished, an excellent time-keeper. A very fine addition to any School equipment. Eight Day.

Price **\$16.50**

"DROP OCTAGON"

Guaranteed accurate time-keeper. Beautifully finished. Eight day, Octagon.

Price **\$13.50**



FOR 37 YEARS CANADA'S SCHOOL FURNISHERS

WASTE BASKETS

**"Vul-Cot" No. 2**

The best School Waste Basket. Strong, light serviceable, almost wear proof. No projections to catch clothing or mar furniture or walls.

Price \$1.75

No. 72—Double Wire Basket

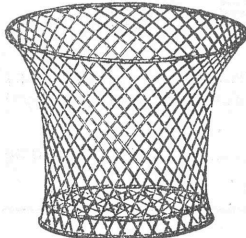
1 1/4-in. Mesh. Smooth Ring.

Price \$1.50

No. 72—Coppered Ring

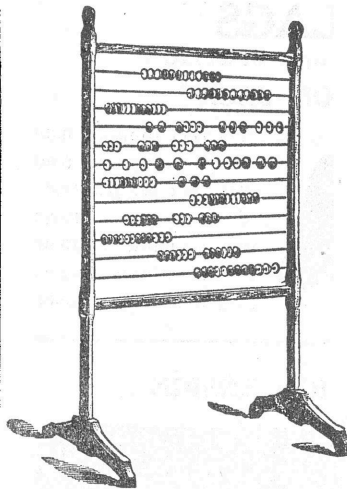
Has a coppered ring around centre to strengthen it.

Price \$1.50

**SINGLE
WIRE WASTE
BASKETS**

Best quality Silver finished Wire.

Price \$1.00

**CUBE ROOT
BLOCKS**

Made of carefully selected hardwood.

Solid Cube in this Set is 2 inches square with the completed cube 3 inches.

Price 25c

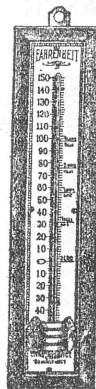
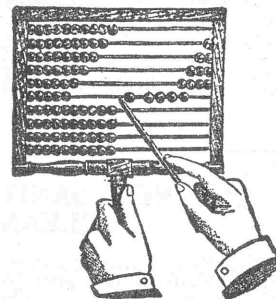
**NUMERAL
FRAMES****High Stand
144 Ball**

Can be seen from all parts of the room.

Price \$7.50

**Hand Numeral
Frame**

144 Ball Size \$1.50

**THERMOMETERS**

A very fine accurately registering Spirit Thermometer. Specially adapted for School use.

Price \$0.75

NURSES' SUPPLIES AND EQUIPMENT

1 Office Desk No. 3-S (See Page 14 for cut and description)	\$34.50
1 Office Table (See Page 15 for cut and description)	18.75
1 De Luxe Standard Scale with measuring Rod, (See opposite page for cut and description)	59.00
1 Cupboard for Supplies No. 2 (See Page 18 for cut and description)	30.00
1 Couch No. 250, Solid Oak, Fumed Finish, upholstered in Brown Fabricoid Leather	30.00
2 Chairs No. 37, (See Page 16 for cut) @ \$5.00	10.00
1 One Drawer Oak Card Cabinet No. 461, for 4x6 Cards with one Index	9.00
1 Two Drawer Oak Card Cabinet No. 462, for 4x6 Cards, with one index.....	11.50
1 Moyer's First Aid Kit, (See cut and description on opposite page).....	9.50
1 White Enamel Pitcher, No. 15.....	2.20
2 White Enamel Wash Basins, No. 32 @ \$1.00	2.00
1 White Enamel Pail, No. 110.....	2.45

Absorbent Cotton, 2 oz. pkg.....	.25
Absorbent Gauze, 2 oz. pkg.....	.35
Gauze Bandages, 1 inch.....	.15
Gauze Bandages, 2 inches.....	.20
Cotton Bandages, 3 inches.....	.25
Adhesive Plaster, package 1-in.x1 yard	.25
1 oz. Collodion	.25
1 4 oz. bottle Hydrogen Peroxide.....	.25
1 4 oz. bottle Tincture Iodine.....	.35
1 4 oz. bottle Castor Oil.....	.30
1 Measuring Glass.....	.15
1 Eye Dropper	.10
1 2 oz. bottle Spirits Ammonia	.25
1 Tube Boracic Ointment	.30
1 Pkg. Boracic Acid, 4 oz.	.15
1 4 oz. bottle Lysol.....	.40
4 oz. Green Soap	.30
1 oz. Oil Cloves	.45
Triangular Bandage, each package	.35
Applicators, each package	.25
Surgical Scissors, per pair.....	1.00
Medium Dressing Forceps, per pair.....	1.00
Small Instrument Dish, white enamel, 8 inch each	.95

YOUR NURSE CANNOT DO HER BEST WITHOUT SUITABLE EQUIPMENT

MOYER'S SAFETY FIRST AID KITS

"First Aid" work should be taught in every School. It may mean untold benefit to some one in the District.

Accidents at school, at home, on the farm, are of frequent occurrence. The right thing done at the right time may easily prevent serious results.

Burns, scalds, cuts, sprains, fractures, etc. should have immediate attention before a doctor can arrive.

Let the boys and girls learn this at school.

Put our "Safety First" Aid Kit in your School. It will be the best investment you ever made.



- 1 Bottle Alcoholic Sol Iodine
- 1 Bottle Boracic Acid
- 1 Bottle Aromatic Spirits Am.
- 1 Bottle Castor Oil
- 1 Jar Burn Ointment
- 1 Z.O. Adhesive Plaster
- 1 Roll Metal Sprint Bandages
- 1 Glass Vial
- 1 Eye Dropper

- 1 Test Tube
- 6 Wooden Splints
- 1 Pair Tweezers
- 1 Pair Scissors
- 8 Pkgs. Plain Gauze
- 6 Pkgs. Absorbent Cotton
- 4 Wooden Applicators wound with Cotton

- 1 Book "First Aid to the Injured."
- 2 Pkgs. Gauze Bandages, 3-in. by 5 yards.
- 4 Pkgs. Gauze Bandages, 2-in. by 5 yards.
- 6 Pkgs. Gauze Bandages, 1-in. by 5 yards.
- Price \$9.50

DE LUXE STANDARD SCALES

With Improved Measuring Device

An excellent scale of compact design and sturdy construction that assures absolute accuracy and durability. The simplicity of its mechanism, absence of loose weights to tempt youngster hands, and the minimum amount of floor space which it requires, makes the DE LUXE STANDARD an ideal scale for the weighing of children and adults.

Attractively finished in our permanent heavy enamel—in silver gray color. Highly nicked beam, poises and measuring device:

A self-locking balance ball makes it impossible for children to throw the scale out of balance; each DE LUXE Scale is tested for accuracy from every point on the platform; our lock-lever system permits no part to get out of adjustment when the scale is moved about, and the DE LUXE covers a minimum of floor space.

Our measuring device (an exclusive departure) that will instantly and accurately measure the tallest adult or the smallest child.

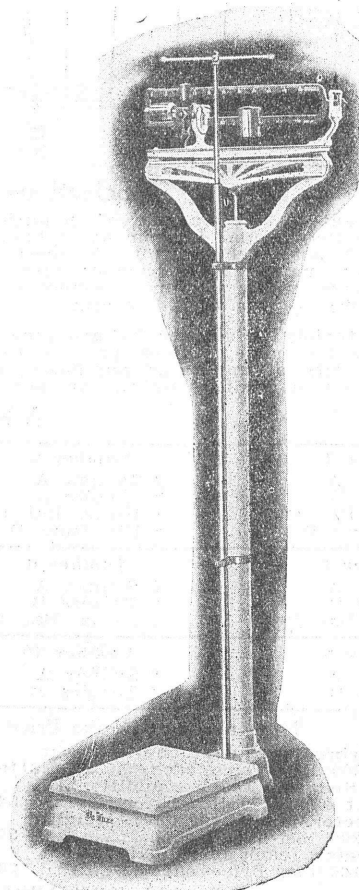
Thousands of the DE LUXE are in use wherever health is considered; fills a definite need in schools, hospitals, the home, etc., to perfection.

Beam Capacity, 300 lbs. x $\frac{1}{4}$ lbs.

Platform Size, 11 x 14 in.

Measuring Device, 2 ft. 6 in. to 6 ft. 6 in. by $\frac{1}{4}$ inches.

No. 103 With measuring device....\$59.00



PRICES SUBJECT TO CHANGE WHEN NECESSARY

"Moyer" Steel School Playground Equipment

MADE IN CANADA.

Wellington said that Waterloo was won on the playing fields of England and observers of human kind recognize the value of a healthy body as a foundation to a healthy and educated mind, just as Wellington did more than a century ago. In Canada greater attention is now given to scientific playground administration, not only in the large centres but in the small.

We have arranged to furnish a line of **MOYER "CANADIAN MADE" PLAYGROUND EQUIPMENT**, built like Canada is being built, **solidly and well**, and with the life experience behind each design that gives assurance of **safety-first** to the little citizens who will enjoy its use and profit by it.

BUILT FOR WEAR AND TEAR

All the supports of **Moyer Equipment** are of heavy tubular steel coupled together with massive fittings and coated with olive green preservative.

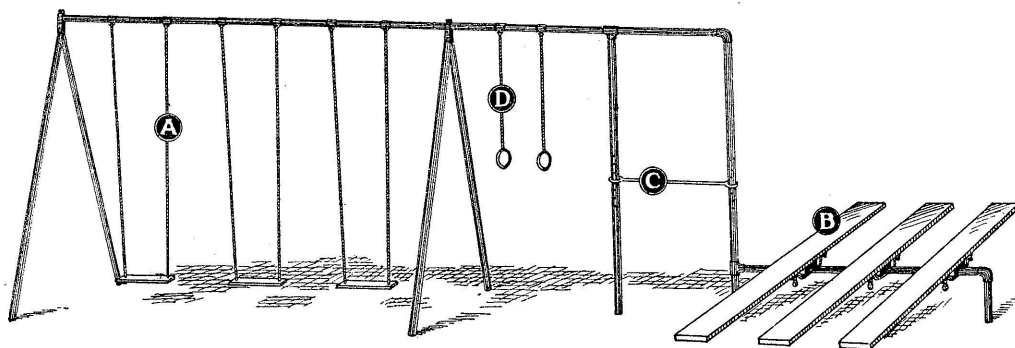
All the fittings of **Moyer Equipment** are rugged, noiseless and antifriction.

All the Hanging Supports of **Moyer Equipment** are of best manilla rope spliced by experts and of ample size.

All the Seats of **Moyer Equipment** are of seasoned lumber with rounded edges and hard oil finish.

All **Moyer Equipment** is accompanied by clear instructions as to the erection at the playground.

STANDARD MOYER PLAYGROUND SETS



Selections to Suit all Pockets

On account of the variety of conditions under which Playground Equipment is bought and used—for little schools, for big ones, by Trustees with one idea, by Trustees with another, for wealthy District and for poor ones, a large variety of Outfits is essential.

All the variety is secured by grouping on standard frames made shorter or longer—to suit the quantity of apparatus purchased, the following units in numbers of one or more:—

(A) The Swing. (C) The Horizontal Bar.
(B) The Teeter. (D) The Flying Rings.

For example a Set may consist of 3 A's, 3 B's, 1 C and 1 D, or 6 A's, 3 B's, 2 D's, or any other combination of these four units.

We give below some favorite selections from which to choose to guide the intending purchaser and after that prices and a sample estimate, to show how the cost of any combination of these units may be computed by the purchaser.

A Few Favorites

Number 1	Number 2	Number 3	Number 4
2 Swings A	3 Swings A	4 Swings A	6 Swings A
2 Teeters B	2 Teeters B	3 Teeters B	3 Teeters B
1 Horiz. Bar C	1 Horiz. Bar C	1 Horiz. Bar C	1 Horiz. Bar C
1 Fly Ring D	1 Fly Ring D	1 Fly Ring D	1 Fly Ring D
Number 5	Number 6	Number 7	Number 8
2 Swings A	3 Swings A	4 Swings A	6 Swings A
2 Teeters B	2 Teeters B	3 Teeters B	3 Teeters B
1 Horiz. Bar C	1 Horiz. Bar C	1 Horiz. Bar C	1 Horiz. Bar C
Number 9	Number 10	Number 11	Number 12
2 Swings A	3 Swings A	4 Swings A	6 Swings A
2 Teeters B	2 Teeters B	3 Teeters B	3 Teeters B

How to Compute the Price and Weight of "Moyer" Playground Sets

(A)—The Swing, (the first one), weight each 300 lbs. Price each.....\$110.00
(A)—The Swing, (each additional), Weight each 150 lbs. Price each.... 54.00
(B)—The Teeter, (the first one), weight each 200 lbs. Price each..... 39.00
(B)—The Teeter, (each additional) weight each 125 lbs. Price each..... 30.00

(C)—The Horizontal Bar, (the first one), Weight each 175 lbs. Price each..... 61.50
(C)—The Horizontal Bar, (each additional), Wgt. each 175 lbs. Price each..... 61.50
(D)—The Flying Rings, (the first pair), Weight pair 250 lbs. Price each..... 91.75
(D)—The Flying Rings, (each additional) Weight pair 125 lbs. Price each..... 46.00

ALL THE ABOVE PRICES F.O.B. TORONTO

Included in these prices are full allowances for tubular frame and supports, so no extra charge is made for these.

WE DO NOT COMPETE WITH OTHERS IN PRICE

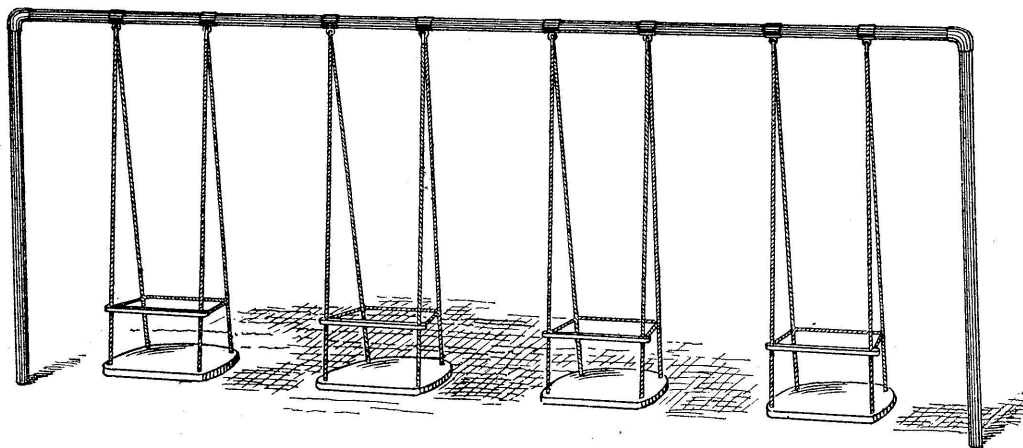
In order to show the method used to calculate or estimate a total price for a set, say for example consisting of 3 swings (A) and 2 teeters (B) complete with frame and supports ready to erect.

EXAMPLE

(A) SWINGS—	1st. Swing, @ 300 lbs. Wt. \$110.00	300 lbs. Weight. Price.....	\$110.00
	2 additional Swings, @ 150 lbs. Wt. at \$54.00	300 lbs. Weight. Price.....	108.00
(B) TEETERS—	1st. Teeter, @ 200 lbs. Wt. \$39.00	200 lbs. Weight. Price.....	39.00
	1 additional Teeter, @ 125 lbs. Wt. at \$30.00	125 lbs. Weight. Price.....	30.00

Total Weight and price of outfit, 925 lbs.

\$287.00

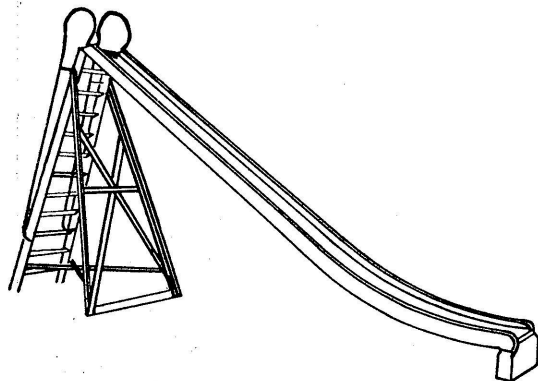
MOYER BABY SWINGS

Baby Swings are always separate from Standard Sets and should be placed in a corner of the playground away from the Apparatus for the larger children.

These swings can be had in sets of from two to six swings on the same frame.

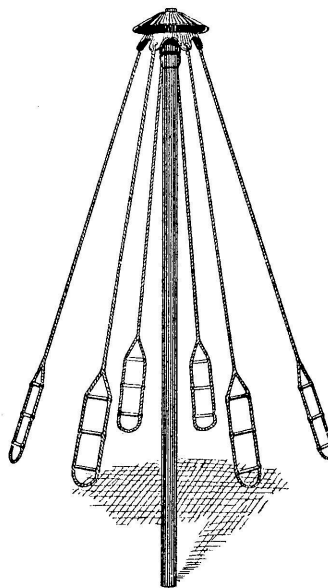
All Baby Swings are 6' 6" high above grade, have heavy tubular frames, silent hangers, manilla rope supports, arm chair, hard oiled wooden seats with sliding guard rail.

2 Swing Outfits, 8' 0 long, 225 lbs. Wt.	\$ 72.00
4 Swing Outfits, 16' 0 long, 375 lbs. Wt.	130.00
6 Swing Outfits, 24' 0 long, 525 lbs. Wt.	189.00

PLAYGROUND SLIDE

Slide is 8' high, 16' long. Sliding Board and sides are made of polished rock maple. Inclined steps easy to ascend. Steel handrail arched above the top step. Finish dark green. Shipped knockdown, erection instructions furnished. No special tools or skill required to assemble.

Approximate Weight 450 lbs. Price..... \$91.00

MOYER GIANT STRIDES

The Giant Stride is a source of endless delight to children but they must be made very strongly to be both safe and always in working order.

We furnish them 14' 0" high above grade with four to six ladders of stout manilla rope with hardwood rungs. The revolving head is ball bearing protected from the weather, perfectly safe and noiseless.

Giant Stride, 6 ladders, 275 lb. Wt.	\$128.00
Giant Stride, 4 ladders, 250 lb. Wt.	114.00

ALL THE ABOVE PRICES F.O.B. TORONTO

OTHERS CANNOT COMPETE WITH US IN QUALITY

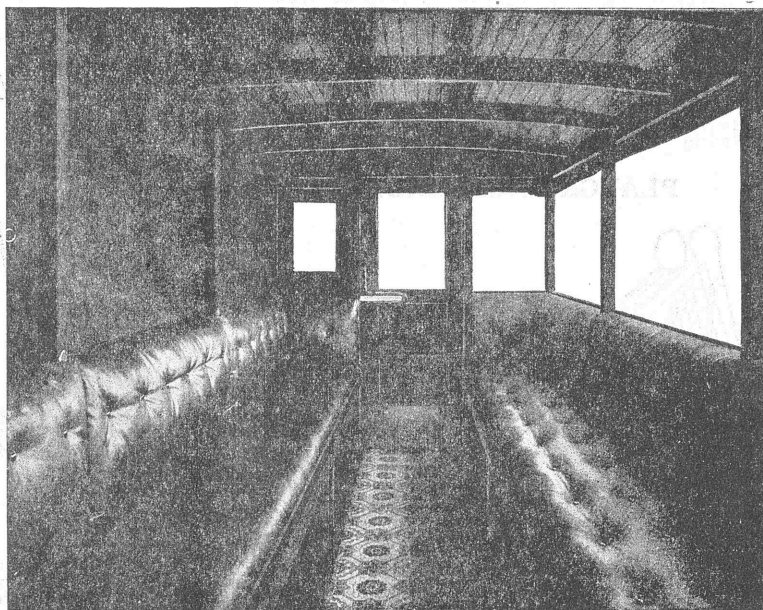
SCHOOL VANS



Exterior View With Curtains Down

Our Vans are manufactured by one of the oldest Carriage Manufacturers in Canada. Therefore, we have the most complete, commodious, and easiest running vehicle on the market. All the material used in the construction of our vans is strictly first class, and we always bear in mind the fact that the lives of a good many children depend on the quality of the stock put into these wagons. The lumber is all kiln dried and selected and our wheels are of good quality. The springs are made to our own design of best quality oil tempered spring steel. The famous Concord axles are made from a special pattern with case hardened arm and a chilled boxing thus ensuring a longer wearing axle with a minimum degree of friction, making a very easy running van. The pole, double, and whiffletrees are made of XXX second growth hickory and are made sufficiently strong to handle the load under all conditions.

Body—The body is 9 ft. 9 in. long, 4 ft. 6 in. wide, and 4 ft. 8 in. high. The seats running full length of the body are 14 in. wide with solid back 17 in. high. The aisle between the seats is 20 in. There is a door both front and rear 20 in. wide, closed with a spring and the front door has glass in. The front door is slotted for the lines. The roof is made made of thin basswood matched and beaded and well painted outside before it is covered with heavy army duck which is thoroughly painted. The floor is made of matched flooring and covered with linoleum with a place under the seats for lunch baskets, etc. The body is very strongly ironed and well braced and all the corners are metal bound with a neat corner plate. The upholstering is best quality Broncho leather. The cushions are made on frames and both cushions and back are well buttoned. The tops are enclosed with brown waterproof duck roll-up curtains with lights front and rear. The curtains double lap



Interior View

around the corners and are draught proof. This duck is specially prepared with paraffin and will not crack in cold weather nor fade in the sun. The back is solid with oval windows on each side of door. There is a convenient step and hand rail for entrance at the rear, and a footboard on front of body. When ordered we furnish an extra seat for driver which costs extra.

Painting—The vans are well painted with eight coats of good paint and varnish, striped in an attractive manner, and lettered with the number and name of the school section free of extra charge. As we carry a number of these vans in stock at all times, the paint has a chance to become well set before the succeeding coat is applied.

We guarantee all workmanship and material to be first class and will replace free of charge at our factory any part that breaks through defects of material or construction, provided the damaged part is returned to us, and we are satisfied the damage was caused through defect.

Gear—The gear is half platform with $1\frac{1}{4}$ in. triple elliptic spring in front and $1\frac{1}{4}$ in. full platform springs in rear with hickory reach connecting front and rear. The reach is reinforced with half-inch thick iron plate running full length and well bolted to the wood. This plate is welded to the circle plate and is fitted under rear axle to which it is well clipped. The reach is further supported by a half-inch plate on each side which runs from the head block half way back where it branches off in a double trussed brace to the rear axle to which it is strongly fastened. All the irons on these vans are hand forged and securely fastened to the wood while the gear woods are best quality hickory. We use no cast iron on our vans.

The wheels are Sarven patent $1\frac{1}{2}$ in. spoke, tires $\frac{1}{2}$ in. by $1\frac{1}{2}$ in. (wider tires when ordered) well bolted to felloes with plate at each joint, and have a corrugated flange on the front of the hub.



Exterior View With Curtains Rolled Up

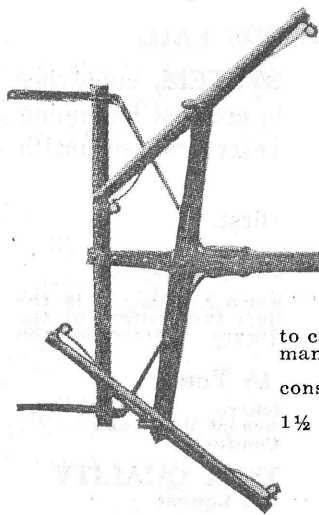
Axles—The axles are $1\frac{1}{2}$ in. Concord. They are made with extra long spindle expressly to our order. The spindle is tempered and case hardened and the boxing is chilled.

Each boxing and nut is ground to fit. These axles are the best quality and highest priced on the market and are guaranteed to draw twenty-five per cent easier than any other axle. Our vans are the only ones manufactured in Canada on which Concord axles are used.

THE POLE

The pole, doubletree and whiffletrees are made of XXX second growth hickory, strongly ironed. The plates are large, giving a good bearing. The devices, hammerstrap and drawbolts are all extra heavy. The whiffletrees have spring hooks. The neckyoke has hand-forged iron ring in centre and at each end.

Price of Standard Van, F.O.B.C. Toronto..... \$590.00



SMALL VAN

The demand for a smaller van has increased so much that we have decided to carry this van in stock. It is the same good quality of material and workmanship as our Standard Van, but is much lighter.

Body—The body is 7 ft. long, 4 ft. 6 in. wide and 4 ft. 8 in. high. It is constructed and finished in the same way as the body on the Standard Van.

Gear—The gear is half platform, with $1\frac{1}{4}$ in. elliptic spring in front and $1\frac{1}{2}$ in. full platform springs in rear, with hickory reach connecting front and rear. The reach is reinforced and braced in the same manner as on the Standard Van. The irons are all hand forged and the gear wood best quality second growth hickory. The wheels are Sarven patent $1\frac{1}{2}$ in. spoke, and $1\frac{1}{2}$ in. tire, well bolted, with felloe plate at joints and have a corrugated flange on the front of the hub.

The Axles are $1\frac{1}{2}$ in. Concord with extra long arms and boxings. They have case hardened arm and chilled boxings. The pole is $2\frac{1}{2}$ in. second growth hickory with doubletree, whiffletree and neckyoke of the same material. The painting is the same as our Standard Van.

Price of Small Van, F.O.B.C. Toronto \$565.00

LARGE VAN BODY FOR HEAVY MOTOR CHASSIS OR ONE TON TRUCK

This Body is made of the best material throughout. It has glass windows, on each side, which open when required. It has also clear vision, ventilating windshield, which opens on automatic rattle-proof hinges. There is a door on driver's side at front, also a large door at the rear with wide step and hand rail. The seat on right side runs through to the front and the seat on the left side runs to back of driver's seat, with a wide aisle between. The body is strongly ironed and well painted. The interior is beautifully upholstered with deep back and cushions of Broncho leather. The floor covering is linoleum. The capacity of this body is twenty-five children and the driver. We also furnish square gasoline tank with this body. We make the other style motor van body with curtains in this size also. We can build either of these bodies to fit any make or model of chassis.

Both the large and small motor van bodies are made so that they can be removed from the car and mounted on sleighs in the winter.

Large Motor Van Body for Heavy Chassis, with Glass Windows, F.O.B.C. Toronto..... \$655.00

Large Motor Van Body for Heavy Chassis, with Curtains, F.O.B.C. Toronto..... 570.00

SMALL VAN BODY FOR LIGHT MOTOR CHASSIS

This body is mounted on regular automobile chassis. It is built along the same lines as the body of the large motor van but of smaller size to accommodate twelve children and driver. Supplied with curtains only.

Small Van Body, with Curtains, F.O.B.C. Toronto..... \$526.00

Our Vans are made in Canada and Repair Parts can be supplied on short notice.

Moyer's "Clean Air" System

A "Clean Air System" Health Resort, Comfort and Ideal Climate



THIS PICTURE REQUIRES THOUGHT—MERE WORDS FAIL

A photograph of a School Room using a **MOYER CLEAN AIR SYSTEM**, supplying fresh, balmy, clean air; God's most generous gift to mankind. We are just beginning to value properly its relation to better school work, to comfort, preservation of health and mental vigor, and life itself.

Not a question of money alone but your duty to the children first.

1. Warms floor and room quickly.
2. Gives air, clean, warm and balmy.
3. Ventilates out the cold, foul air.
4. Gives same comfort, far and near.
5. Means fuel economy.
6. Is pleasing in appearance and ornamental.
7. Saves doctor bills and janitor service.
8. Is simple and scientifically constructed.
9. Prevents headaches, colds, coughs, catarrh, bronchitis, pneumonia, consumption, and other foul air diseases.
10. Gives ideal climate for health, happiness, comfort and insures first class school work. A Clean Air System is ideal, compared with a stove for school use.

An Invitation to You—

To safeguard the children's health. It is the community's wealth. Upon the welfare of the children depends the future welfare of the nation.

It's Up to You

Clean Air — Warms Quickly. Heats Evenly.
Insures Superior School Work and
Perfect Comfort.

When You Consider **MOYER QUALITY**
Our Prices are Lowest

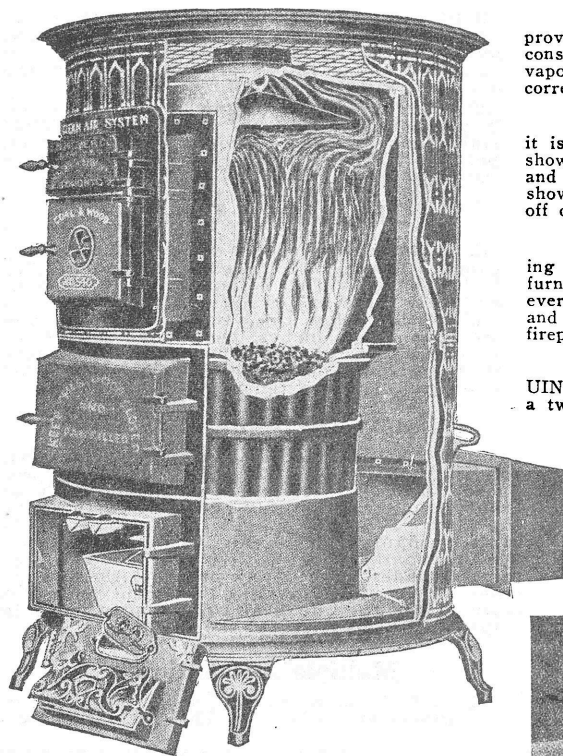
STANDARD Dimensions, Heating and Ventilating Power and Weights

"CLEAN AIR SYSTEM" NUMBERS	535C	536D	540E	542F
Height of Heater, (Floor to Top)	63	66	66	68
Depth of Firepot	14	15	15	15
Diameter of Firepot, (Exact inside size).....	18	20	22	24
Diameter of fire chamber and Radiator Body, inside.....	22	26	30	36
Diameter of Heater Jacket, (Outside).....	36	40	43	48
Size of Smoke Pipe Connections.....	8	8	8	8
Size of Feed Doors	11 x 14	11 x 14	11 x 14	11 x 14
Standard Heating and Capa- Changing, 15 minutes, cu. ft....	7,000	10,000	14,000	20,000
Ventilating { city { air every { 7½ minutes, cu. ft....	5,000	7,000	9,500	14,000
Computed weight of "CLEAN AIR SYSTEM"	800	1,000	1,200	1,400
Prices	\$195.00	\$205.00	\$225.00	\$240.00

The Best that Money Can Buy is the Cheapest in the End

THE PROBLEM OF GOOD VENTILATION IN WINTER SOLVED

Moyer's "Clean Air" System of Heating and Ventilating



We build practically air-tight buildings and must provide an inlet and an outlet for changing air, which we constantly require. The soft balmy air is provided by our vapor pan which keeps the water boiling and supplies the correct amount of humidity, always.

The MOYER'S CLEAN AIR SYSTEM is on legs, so that it is sanitary and can be cleaned and swept underneath, as shown on this page. The ash pit and pan is large and roomy, the inside air control doors with lever attached, show how the inside air is reheated over night or closed off during the school day and the fresh air used alternately.

The TWO-PIECE FIRE POT, showing the Non-Cracking Joint, is an extra heavy, corrugated firepot—found by furnace manufacturers to be the most durable construction ever made. The non-cracking joint allows for expansion and contraction and cannot crack or burn out, as you know firepots do in stoves and all other room heaters.

The MOYER'S CLEAN AIR SYSTEM is the only GENUINE SCHOOL ROOM FURNACE on the market having a two-piece firepot.

The grate, then the fire pot, and next the body of a stove or heater gives out first. We use nothing but the very best material throughout. They are fully twice as heavy as in other furnaces.

MADE ON HONOR

The heavy boiler plate used in the heater drum is extended from 3 to 7 inches away from the firepot on all sides, depending upon the size of the heater, and in this way gives twice as much radiating surface, since the burning flames and fuel do not come in close contact with the drum it will last four times as long and the joints will remain air tight, so the fire can be controlled DAY and NIGHT.

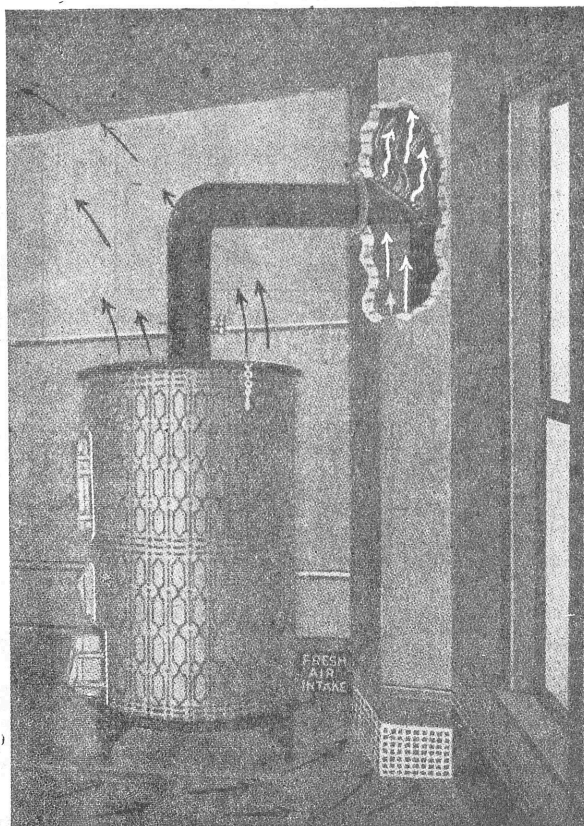
The Standard Jacket is made of heavily embossed material, which will not rust or injure, and presents a beautiful appearance.

The inside lining is made of blue steel and asbestos paper with 1-inch air space between inner and outer jacket, so that no heat can radiate through.

The cheap polished or planished steel jackets coming down to the floor are not desirable as they rust and discolor badly and radiate too much heat for comfort nearby, and are unsanitary; as you cannot sweep or clean under them. They are much cheaper, but we do not recommend them to give satisfaction.

Our increased radiating surface gives more heating power than any other heater and will therefore warm the schoolroom twice as quickly in the morning, and use less fuel through the day.

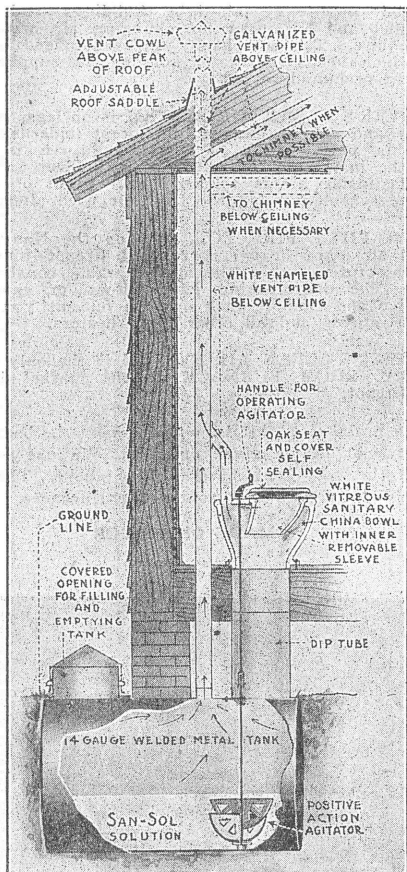
QUALITY GOES IN BEFORE THE NAME MOYER GOES ON.



TRUE ECONOMY IS TO BUY THE BEST

Waterless Sanitary Chemical Toilets

A Complete System of Private Sewage Disposal for Waterless and Sewerless Buildings.
Clean, Odorless, Inexpensive. Easily Installed in any Building.



Single Bowl Ground Floor Installation.
(Sectional View)

The Sanitary Bowl—The Bowl is made of the best white vitreous china, perfectly glazed and absolutely impervious to moisture.

The Inner Removable Sleeve is a special feature of our Toilets. It is so constructed as to prevent soiling of the Bowl itself, and to clear the walls of the Dip Tube, thus confining the soiling to a very limited space easily accessible for cleaning. Hence, these Toilets may be kept in perfect sanitary condition with the least possible effort.

The Seat—The Seat is made of heavy solid oak, semi-saddle, non-split construction, finished in golden oak.

The Dip Tube—The Dip Tube with Funnel connects the Bowl with the Sewage Tank. It is covered with a special preparation to prevent rusting and corrosion, making it practically everlasting.

The Sewage Tank

The Tank for the sewage is cylindrical in shape, is made of No. 14 gauge especially prepared iron, having a high degree of purity, thus resisting to a maximum both rust and the effects of chemical action within the Tank.

All joints are firmly welded by the oxy-acetylene or electric processes, thus making every joint 100 per cent tight.

Both inside and outside of the Tanks are covered with a preservative preparation which, together with the chemical, San-Sol, which is in itself a preservative of metal, makes the Tanks last almost indefinitely.

The Tank for a single Bowl unit has a capacity of about 126 gallons. Tanks for Multiple Installations are made proportionately larger, depending upon the number of bowls to be provided for.

The Cleanout Opening

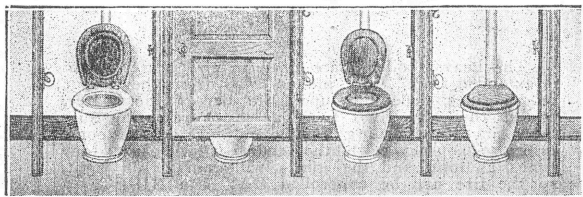
Each Tank is provided with a Manhole or Cleanout Opening, 14 inches in diameter, with suitable cover. The collar on the Cleanout Opening is three inches high. Where the Tank is submerged below the surface of the ground more than three inches, the Collar should be extended. Extra charge is made for such extension, the amount of the charge depending upon the length of the extension required.

The Agitator

The Positive Action Agitator is the most efficient and effective agitator ever produced. It is operated by simply moving a small crank handle horizontally back and forth above the Seat. It is easily installed and so simple in its mechanism that it can not get out of order. The horizontal rotary action of the large perforated blades in the Tank prevents the sewage from piling up below the Bowl and makes it possible for the chemical to promptly come in contact with all parts of the sewage.

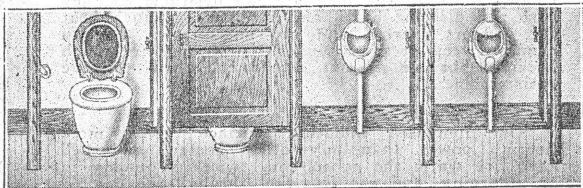
Multiple Installations

Multiple installations are used where two or more Bowls are to be provided for either sex.



A MULTIPLE INSTALLATION
In this case Four Bowls are installed on a
Quadruple Size Tank.

In such cases, two or more Bowls are placed on Tanks of double, triple or quadruple size. Two or more such batteries may be joined together to provide any required number of Bowls. By the use of Multiple Installations the results of unequal usage of the different bowls are equalized.



A MULTIPLE INSTALLATION
In this case Two Bowls and Two Urinals are
installed on a Quadruple Size Tank.

FOR SCHOOLS WITHOUT WATER THIS SYSTEM IS THE BEST

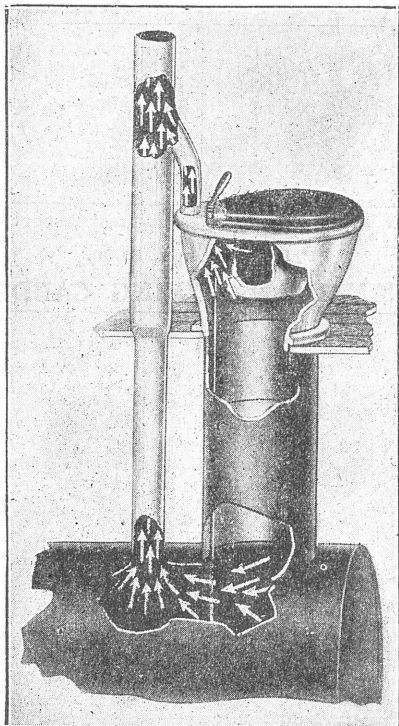
The Chemical, San-Sol

San-Sol is a powerful chemical which promptly destroys all germ life and in connection with the Agitator, disintegrates the solid portions and the toilet paper. It is put up in containers, each constituting a charge for a single Bowl Tank.

Price f.o.b.c. Toronto. \$5.50

The Ventilating System

The Ventilating System is a most important feature of any Chemical Toilet and to this we have given special attention. Our long experience in ventilating school buildings has enabled us to solve this problem by the practical application of scientific principles.



THE VENTILATING SYSTEM

Sectional View showing how the Main Vent Pipe connects direct with the Tank, and thus removing promptly all obnoxious gases.

The main Vent Duct is connected direct with the Tank where the obnoxious gases originate because of the action of bacteria and the chemical.

A secondary Vent Pipe at the top of the Bowl back of the Seat connects with the main Vent Duct at an angle of 45 degrees and promptly removes any gases that may originate in the Bowl, or that may find their way there through the Dip Tube at such times when the main Vent Duct connecting direct with the Tank may be over-crowded, which, however, rarely occurs.

The Vent Ducts should be connected with the chimney wherever a chimney is accessible without having too long a horizontal stretch of pipe.

When the chimney is not accessible for this purpose, the Vent Duct may be run up through the roof emerging as near the ridge as possible.

A special Vent Cowl at the top of the Vent Pipe utilizes the air currents to induce positive ventilation at all times.

Emptying of Tanks

The Sewage Tanks may be emptied in any one of several ways, as local conditions and circumstances may make most practical and con-

venient. Following are the most common:

Dipping: The simplest way is to dip the contents of the Tank out through the manhole by means of a common pail or other suitable vessel.

Pumping: By this method the contents of the Tank are removed by means of a common Plunger Sewage Pump or by means of a large suction pump.

Draining: By this method the contents of the Tank are drained into a sewer or cesspool, or leaching pool. In this case the Tank is provided with a Drain Plug and Nipple to which a four-inch soil pipe or common sewer tile leading to a cesspool, sewer or leaching pool may be connected. This method of emptying the Tank is the best and most convenient way and is particularly recommended for use in Multiple Installations or for Single Installations where a cesspool can be provided. The additional cost of providing a cesspool at the time the Toilets are installed is nominal.

Construction of Cesspools

Wherever the subsoil is fairly porous and there is no well nearby, the conditions for constructing a cesspool are favorable. Cesspools may be constructed in many ways. One way is to dig a pit four feet square to a depth of six feet below the level of the bottom of the Tank. The sides of the pit may then be walled up with stone or cement, leaving the bottom open soil. A cover for the top is provided by a double thickness of two-inch planks, supported by two four by four inch beams and the whole covered with cement.

Final Disposal of Sewage

The sewage after it has been properly subjected to the action of the San-Sol is entirely sterile, that is, free from bacteria or germ life, and has, therefore, ceased to be a carrier of disease. However, the contents of the Tank are too concentrated to be placed in contact with vegetation. It is, therefore, desirable to either mix the sewage with common barnyard manure or spread it out and mix it with the soil for several months before planting so that strength of chemical may be spent.

Equipment Furnished

The following standard equipment is furnished with a Single Bowl System and is usually sufficient to make the installation on the ground floor to a one-story building:

- 1 Bowl, best white vitreous china with special sanitary removable inner sleeve.
- 4 Screws, nickel plated for fastening Bowl to floor.
- 1 Seat with Cover, solid oak, non-split construction, golden oak finish.
- 1 Dip Tube, 2½ feet in length.
- 1 Funnel to connect Dip Tube with Bowl.
- 1 Sewage Tank, about 126 gallons capacity, made of No. 14 gauge specially prepared and coated iron, oxy-acetylene welded, provided with cleanout opening and cover.
- 1 Sewage Pump, 5½ ft. long, or tank may be equipped with 4-inch drain plug with nipple as purchaser may specify.
- 10 Feet Galvanized Vent Pipe, 4 inches in diameter.
- 13 Feet White Enamelled Vent Pipe.
- 2 Adjustable Elbows in case Vent Pipe is connected with chimney, or
- 1 Vent Cowl and Roof Saddle in case Vent Pipe passes out through the roof independent of the chimney.
- 1 Drum San-Sol.
- 1 Toilet Paper Holder.
- 1 Roll Toilet Paper.

The above equipment has been found to be ample for complete installation in an average one-story building.

If the installation is irregular so that an extra long Dip Tube or an extension of Cleanout Collar, or more than a total of 23 feet of Vent Pipe is required, extra charge is made for such extra equipment actually furnished.

For Multiple Installations equipment is sent accordingly.

Price, per Unit \$135.00

Urinal, with Tank Accomodation, per

Unit \$135.00

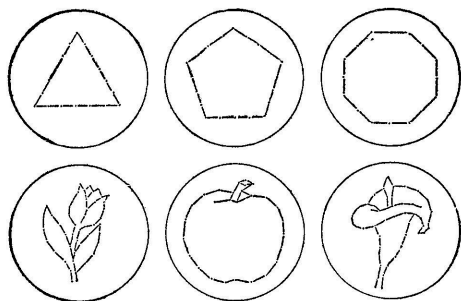
Urinal Only 55.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Kindergarten Supplies and Primary Aids

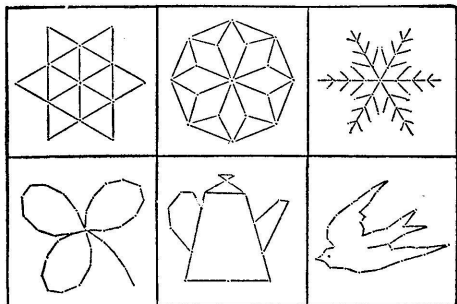
PRICKED SEWING CARDS

Our outline pricked sewing cards are made with simple and attractive designs, printed in a very light gray ink, on extra quality cardboard and carefully pricked. The assortment of designs is adapted to varied ages and the subjects well graded. Put up in extra strong boxes.



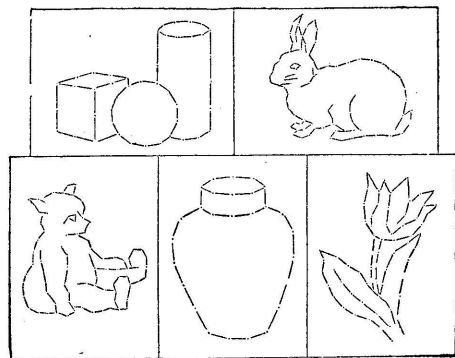
Set A.—Circular cards, $3\frac{1}{4}$ inches diameter. Assorted designs, 100 cards in a box.

Price, per box, 90 cents.



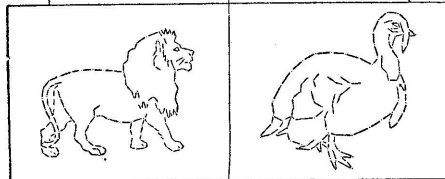
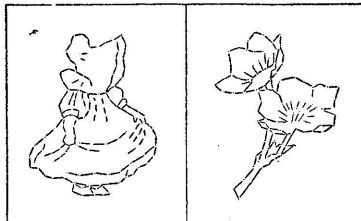
Set B.—Cards $3\frac{1}{2}$ inches square. Assorted designs, 100 cards in a box.

Price, per box, 90 cents.



Set C.—Cards $4 \times 5\frac{1}{2}$ inches. Assorted designs, 100 cards in a box.

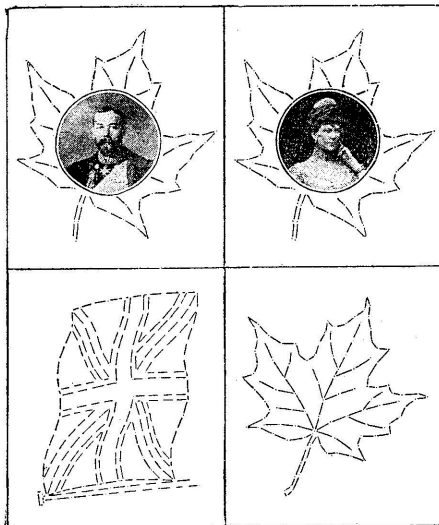
Price, per box, \$1.35



Set D.—Cards $5\frac{1}{2} \times 7\frac{1}{2}$ inches. Assorted designs, 100 cards in a box.

Price, per box, \$1.90.

CANADIAN SEWING CARDS



Four new drawings as shown in cut. These designs are artistic, the leaves are exact copies of natural leaves and the portraits are those approved by the King.

Printed on cardboard 6×7 inches and pricked ready for sewing.

Set E. —Per 100	\$2.00
Per dozen	.25
Per set of 4	.10

SILKINE

Per Spool	\$0.15
Per Dozen	1.75

SEWING CARD NEEDLES

Sizes 19-24—Per Pkg.	\$0.25
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RAFFIA NEEDLES

Sizes 19-24—Per Pkg.	\$0.25
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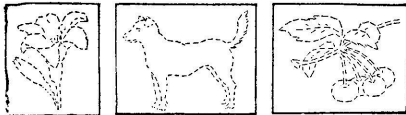
PERFORATING NEEDLES

No. 276—Perforating Needles with rosewood handle, $2\frac{1}{2}$ " long, medium, Each	.05c
Per dozen	.50c

SEND SUFFICIENT MONEY TO COVER POSTAGE

SEWING CARDS

50 Designs—Set F.

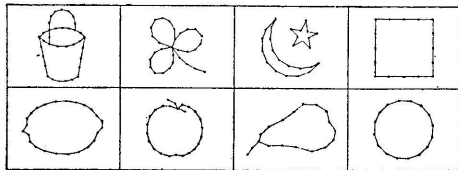


The biggest value ever offered and a very handsome series.

Fifty designs in a set, simple in outline, interesting in subject, and correct in design. Printed on heavy, firm board, they are easy to handle. The outlines are made up of a succession of dashes, the spaces between indicating the points to be pricked for sewing. The set containing so large a number of designs affords an unusual amount of material for the cost. These cards will please any primary teacher both in quality and price.

Price, per set 50 designs, in envelope with directions \$0.50

PUNCHED SEWING CARDS

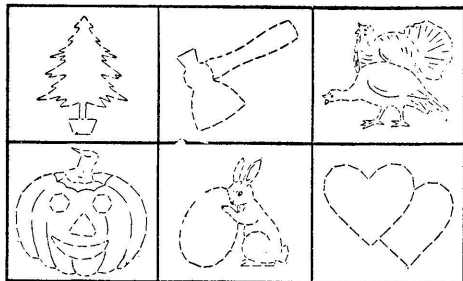


These cards are for coarse sewing by beginners and have holes punched all the way through. Printed in outline on cards 4x5½ inches, 16 designs and 100 cards in a box.

Set G.—Per box \$1.75

OUR HOLIDAYS

For Sewing and Coloring



A new set of 12 pricked sewing cards, which make souvenirs for Hallowe'en, Thanksgiving, Christmas, St. Valentine's Day and Easter. Printed on cardboard 5½x5½ inches, 12 different designs, in an envelope.

Set H.—Per Set \$0.40

BRITISH SEWING AND PAINTING CARDS

Size of Cards 6 x 8 inches.

12 Designs in each Package.

No. 750 Ye Old Nursery Rhymes, uncolored. Price \$0.45

No. 751 Ye Old Nursery Rhymes, Colored Price50

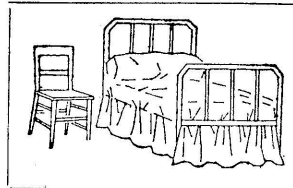
No. 752 Farmyard Friends, Price..... .45

No. 753 Household Objects, Price..... .45

No. 754 Inmates of the Zoo, Price..... .45

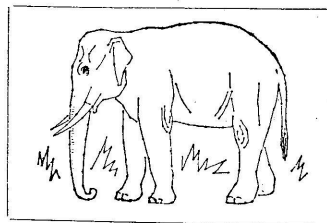
OUTLINE PAINTING AND EMBROIDERY CARDS
"Household Objects"

1. Front Door
2. Stairs
3. Table and Vase
4. Arm chair
5. Fireplace
6. Sofa
7. Piano
8. Kitchen-dresser
9. Bed and Chair
10. Chest of Drawers
11. Dressing-table
12. Washstand.



12 Designs, Series No. 753Price \$.45

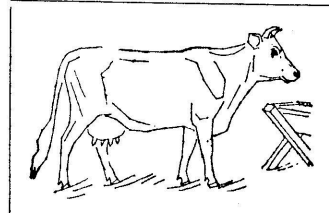
"Inmates of the Zoo"



12 Designs, Series No. 754Price \$.45

"Farmyard Friends" No. 752

1. Horse
2. Chickens
3. Dog.
4. Pig
5. Cow
6. Goat
7. Rabbit
8. Turkey
9. Sheep
10. Cat
11. Goose
12. Donkey.



12 Designs, Series No. 752Price \$0.45



YE OLDE ENGLISH NURSERY RHYMES

Colored Sewing Cards

Colored Sewing Cards. Series No. 751, Price .50c

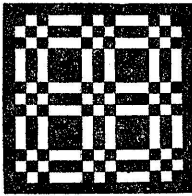
1. Little Boy Blue.
2. Mary Had a Little Lamb.
3. Tom, Tom, the Piper's Son.
4. Little Miss Muffet.
5. Multiplication is Vexation.
6. Hush Baby, my Dolly.
7. Mary, Mary, Quite Contrary.
8. I had a Little Hobby-Horse.
9. Little Bo-Peep.
10. Robert Barnes, Fellow Fine.
11. To Market, To Market.
12. Little Jack Horner.

Series No. 750, same as above, Uncolored, Price. 45 cents.

SETS NOT BROKEN

WILL REFUND ANY AMOUNT OVERPAID

WEAVING



(Important—Read This)

In this occupation the material consists of a sheet of paper, slit into strips joined by a margin at each end, called a mat, and a series of similar strips which formerly were joined at one end and therefore called a fringe, but which are now joined at both ends for security in handling. The fringe differs but little in appearance from the mat, except that in fine cutting there is no margin on the sides as in the mat.

Each of the following numbers indicates one package, containing twelve mats and twelve fringes:

**Mats, 7 x 7 inches. Slits $\frac{1}{2}$ " wide.
Price per Package, 35c.**

- 999R—Red with Tints and Shades.
- 999O—Orange with Tints and Shades.
- 999Y—Yellow with Tints and Shades.
- 999G—Green with Tints and Shades.
- 999B—Blue with Tints and Shades.
- 999V—Violet with Tints and Shades.
- 1000—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1005—Black and White.
- 1006—Grays.
- 1007—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats, 7 x 7 inches. Slits 1-3" wide.
Price per Package, 35c.**

- 1009R—Red with Tints and Shades.
- 1009O—Orange with Tints and Shades.
- 1009Y—Yellow with Tints and Shades.
- 1009G—Green with Tints and Shades.
- 1009B—Blue with Tints and Shades.
- 1009V—Violet with Tints and Shades.
- 1010—R.O.Y.G.B.V. with Tints and shades and Grays.
- 1015—Black and White.
- 1016—Grays.
- 1017—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats, 7 x 7 inches. Slits $\frac{1}{4}$ " wide.
Price per Package, 35c.**

- 1019R—Red with Tints and Shades.
- 1019O—Orange with Tints and Shades.
- 1019Y—Yellow with Tints and Shades.
- 1019G—Green with Tints and Shades.
- 1019B—Blue with Tints and Shades.
- 1019V—Violet with Tints and Shades.
- 1020—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1025—Black and White.
- 1026—Grays.
- 1027—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 7 x 7 inches. Slits $\frac{1}{2}$ " and $\frac{1}{4}$ " wide.
Price per Package, 35c.**

- 1029R—Red with Tints and Shades.
- 1029O—Orange with Tints and Shades.
- 1029Y—Yellow with Tints and Shades.
- 1029G—Green with Tints and Shades.
- 1029B—Blue with Tints and Shades.
- 1029V—Violet with Tints and Shades.
- 1030—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1035—Black and White.
- 1036—Grays.
- 1037—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 5 x 7 inches. Slits 1-3" wide.
Price per Package, 30c.**

- 1039R—Red with Tints and Shades.
- 1039O—Orange with Tints and Shades.
- 1039G—Green with Tints and Shades.
- 1039B—Blue with Tints and Shades.
- 1039Y—Yellow with Tints and Shades.
- 1039V—Violet with Tints and Shades.
- 1040—R.O.Y.G.B.V. with Tints and Shades and Gray.
- 1045—Black and White.
- 1046—Grays.
- 1047—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 5 x 7 inches. Slits $\frac{1}{4}$ " wide.
Price per Package, 30c.**

- 1049R—Red with Tints and Shades.
- 1049O—Orange with Tints and Shades.
- 1049Y—Yellow with Tints and Shades.
- 1049G—Green with Tints and Shades.
- 1049B—Blue with Tints and Shades.
- 1049V—Violet with Tints and Shades.
- 1050—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1055—Black and White.
- 1056—Grays.
- 1057—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 5 x 7 inches. Slits $\frac{1}{4}$ " and $\frac{1}{2}$ " wide.
Price per Package, 30c.**

- 1079R—Reds with Tints and Shades.
- 1079O—Orange with Tints and Shades.
- 1079Y—Yellow with Tints and Shades.
- 1079G—Green with Tints and Shades.
- 1079B—Blue with Tints and Shades.
- 1079V—Violet with Tints and Shades.
- 1080—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1085—Black and White.
- 1086—Grays.
- 1087—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 4 $\frac{3}{4}$ x 4 $\frac{3}{4}$ inches. Slits 1-3" wide.
Price, per Package, 25c.**

- 1099R—Red with Tints and Shades.
- 1099O—Orange with Tints and Shades.
- 1099Y—Yellow with Tints and Shades.
- 1099G—Green with Tints and Shades.
- 1099B—Blue with Tints and Shades.
- 1099V—Violet with Tints and Shades.
- 1100—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1105—Black and White.
- 1106—Grays.
- 1107—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 4 $\frac{3}{4}$ x 4 $\frac{3}{4}$ inches. Slits $\frac{1}{4}$ " wide.
Price, per Package, 25c.**

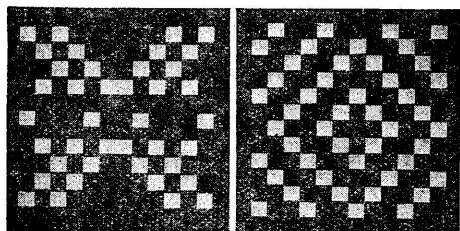
- 1109R—Red with Tints and Shades.
- 1109O—Orange with Tints and Shades.
- 1109Y—Yellow with Tints and Shades.
- 1109G—Green with Tints and Shades.
- 1109B—Blue with Tints and Shades.
- 1109V—Violet with Tints and Shades.
- 1110—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1115—Black and White.
- 1116—Grays.
- 1117—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

**Mats 4 $\frac{3}{4}$ x 4 $\frac{3}{4}$ inches. Slits $\frac{1}{2}$ " and $\frac{1}{4}$ " wide.
Price, per Package, 25c.**

- 1139R—Red with Tints and Shades.
- 1139O—Orange with Tints and Shades.
- 1139Y—Yellow with Tints and Shades.
- 1140—R.O.Y.G.B.V. with Tints and Shades and Grays.
- 1145—Black and White.
- 1146—Grays.
- 1147—Mats: Neutral Gray 1; Fringes; Primaries and Secondaries.

FOR 37 YEARS CANADA'S SCHOOL FURNISHERS

INDUSTRIAL WEAVING MATS



Made of tinted construction paper. These mats size 7x7 inches, are put up in strong envelopes, 25 mats all one color, cut ready for use, $\frac{1}{2}$ slits. The 25 fringes are solid, but printed to show the cutting line. The fringes are of assorted colors, which contrast with the mats and produce very pleasing effects. No needles are required with these mats.

No. 125—25 gray mats, 25 fringes, assorted in an envelope.....\$0.60

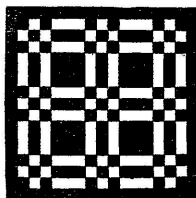
No. 126—25 brown mats, 25 fringes, assorted in an envelope......60

OILCLOTH WEAVING MATS

These mats are offered in response to a demand for a mat that beginners may use and that will not tear. Made of fine grade white oilcloth, 7x7 inches, $\frac{1}{2}$ inch slits, and are to be woven with wooden slats. When used with the colored slat the effect is very pleasing and they may be used many times and are easily cleaned

12 mats in a package. Per pkg..... \$1.00

WEAVING MATS



Made of coated paper. Each package contains twelve mats and twelve fringes. Six standards, with tints and shades and gray.

Mats 7x7 inches

No. 130—Slits, $\frac{1}{3}$ inch wide..... .35

No. 131—Slits, $\frac{1}{2}$ inch wide35

No. 132—Slits, $\frac{1}{4}$ inch wide35

Mats 4 $\frac{1}{4}$ x4 $\frac{1}{4}$ inches

No. 133—Slits, 1-3 inch wide25

No. 134—Slits, $\frac{1}{4}$ inch wide25

WEAVING NEEDLES



The Needles are 1 $\frac{3}{8}$ inch longer than shown in cut.

Each07

Per Dozen75

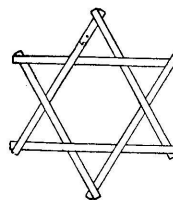
PAPER STRIPS FOR LACING, WEAVING AND DAISY CHAINS

This is the same grade of paper and the same assortment of colors as in our Folding Paper.

No. 815— $\frac{1}{2}$ in. wide, 20 in. long.....\$0.25

No. 816—1 in. wide, 20 in. long..... .35

WEAVING SLATS



These slats are made of selected hardwood of even thickness and carefully cut to a uniform width. The colored slats are in the six standard colors.

No. 300—100 slats, 10 inches long, hard wood plain \$0.30

No. 301—100 slats, 10 inches long, hard-wood six colors40

STRAWS AND PAPER FOR STRINGING

Our straws are the seamless wax paper straws which do not crack or break and may be used many times. Paper for stringing is cut from engine paper, and of a variety of interesting shapes and colors.

No. 315—100 paper straws, 8 $\frac{1}{2}$ inches long, per pkg.\$0.40

No. 317—1,000 paper straws, $\frac{3}{4}$ inch long, per pkg.85

No. 325—1,000 colored paper forms, assorted squares, circles and diamonds, in an envelope45

BOX STRAWS AND PAPER FOR STRINGING



No. 7020—An attractive partitioned box containing 500 straws and sufficient extra bright colored paper.....\$0.60

PRANG WEAVING PAPERS

In 20 assorted colors and are uniform in color, texture and quality with Prang Colored Construction Paper.

The strips are heavy enough to weave without a needle.

Each strip has printed guide lines as an aid to the children in preparing the mats and strips.

The papers may be used with Prang Water Colors, Crayons or Tempera Colors.

In Books 9x9 inches.

Per Book \$0.40

GIVE THE CHILD A CHANCE TO DEVELOP ARTISTIC INSTINCTS

NEW DRAWINGS BY BESS BRUCE CLEVELAND CHILDREN OF OTHER NATIONS



CHINA



SCOTLAND

The world war has brought us much nearer to other nations and this new series of drawings by Miss Cleaveland will help to acquaint children with the costumes of nations about which they hear so much. The series contains 10 outline drawings in black on high grade drawing paper, 6x9 inches, and includes children of:—Alsace, Belgium, Holland, Italy, Spain, Japan, China, Russia, Switzerland and Scotland.

Simple directions for coloring are furnished with each set, which is put up in a strong envelope.

Price, per set of 10, 25 cents

CHILDREN AND THEIR PETS



In this series Miss Cleaveland has produced one of her best set of drawings showing children playing with pets commonly owned by children. The drawings are simple and charming and easily colored. The pets shown are: Parrots, Puppies, Chicks, Guinea Pigs, Squirrels, Canaries, Lambs, Kittens, Ducks, Rabbits.

The set of 10 drawings, 6x9 inches, is printed on drawing paper and put up in an envelope with full instructions for coloring.

Price, per set of 10, 25 cents.

BIRDS TO COLOR



Kingfisher



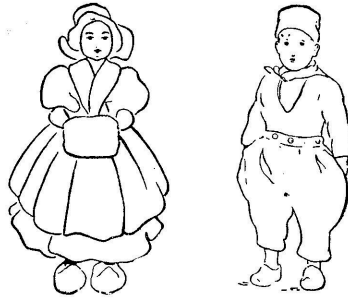
Blue Jay

Ten commonly known birds have been drawn from nature by Miss Cleaveland for this set and show the birds in characteristic poses. The coloring can be easily done, as full directions are furnished with each set. The set contains: The Robin, Blue Jay, Oriole, Kingfisher, Meadowlark, Cardinal, Tanager, Goldfinch, Blue Bird, Redstart.

Printed on good grade of drawing paper, 6x9 inches, 10 drawings in each set, in an envelope.

Price, per set of 10, 25 cents.

DRAWINGS TO COLOR

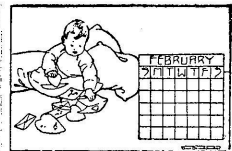


Contains fifty different designs, printed on separate sheets of water color paper, 6x9 inches. These drawings are mostly in outline, and are from pen drawings made especially for coloring with water colors, crayon or wax crayon. The designs include animals, flowers, leaves, children, etc., all drawn especially for easy and effective coloring.

The attractive, strong envelope in which the set is packed gives simple directions for the proper use of both crayons and water colors, and children are able to make many pleasing and ornamental pictures for home or school use.

Price, per set of 50 drawings, 50 cents.

BESS BRUCE CLEVELAND CALENDARS TO COLOR



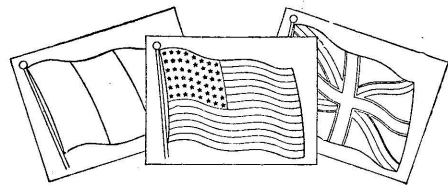
These original designs are some of Miss Cleaveland's best and latest work, simple, charming studies of child life combined with calendar forms for each month of the year, and so simple that they may be very easily colored.

With each set of the calendars is included a full set of easy pen numerals as a copy from which the calendar forms may be neatly filled.

Each calendar is printed on a sheet of water color paper, 6x9 inches in size.

Price, per set of twelve, 30 cents.

FLAGS OF THE ALLIES TO COLOR



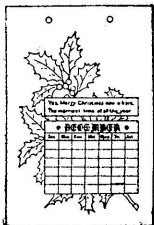
Children learn by doing. Nothing will impress more quickly and definitely the colors under which Great Britain and its active Allies were fighting their battles for world liberty than the coloring of the twelve graceful outline flags that comprise this set.

The twelve flags are printed in outline on separate sheets of water color paper, 6x9 inches. Put up in an envelope with full instructions for coloring with either water colors or colored crayons.

Price, per set of 12 flags, 30 cents.

LARGEST STOCK OF SCHOOL SUPPLIES IN CANADA

CALENDAR OF FLOWERS TO COLOR

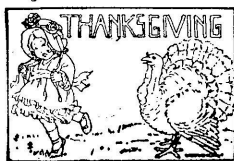


Twelve calendar sheets and a top sheet, with floral designs suitable for each month, easily colored, printed on water color paper, 6x9 inches, in an envelope with full directions.

Price, per set, 30 cents.

HOLIDAY DESIGNS TO COLOR

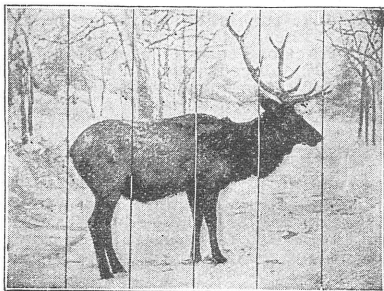
From Original Drawings by
Bess Bruce Cleaveland



These ten designs have been prepared by Miss Cleaveland to cover the holidays of the school year. They are charming designs, simple in drawing and easy to color. Children will delight in preparing these as souvenirs, program or booklet covers for the special days, and nothing will add more to the spirit and remembrance of the occasion than so attractive a souvenir. The designs are for Victoria Day, Dominion Day, St. Valentine's Day, Easter Arbor Day, Decoration Day, Flag Day, Halloween, Thanksgiving, Christmas.

Price, per set of 10, 40 cents.

SECTIONAL ANIMALS AND BIRDS



Reproductions in natural colors of drawings from nature of 6 animals and 6 birds, finely printed on Cardboard, 7x9 inches, and cut into strips one inch wide. The teacher may increase the difficulty of the occupation by cutting each strip into two or more parts. Each set in paste-board box with colored label.

Set 6 Animals in box.....\$0.60

Set 6 Birds in box..... .60

STORY AND SEAT WORK
WITH PATTERNS

By Mary Eleanor Ross

A Book Every Primary
Teacher Should Have

There is an abundance and variety of work for each month of the school year from September to June. There are many delightful children's stories, old and new, with language hints and blackboard lessons, memory gems and material for nature lessons, each group centering about some definite topic as a correlation point.

Throughout the book are suggested forms of seat work, cutting, sewing, making, etc., appropriate to the subject covered in the story or language work.

A novel feature of the book is a series of patterns for the busy work suggested. These patterns are printed on heavy cardboard, to be cut out and used by the teacher or pupil in preparing much of the material needed in the seat work. 112 pages, paper cover.

Price, Book and Patterns, complete, 45 cents.

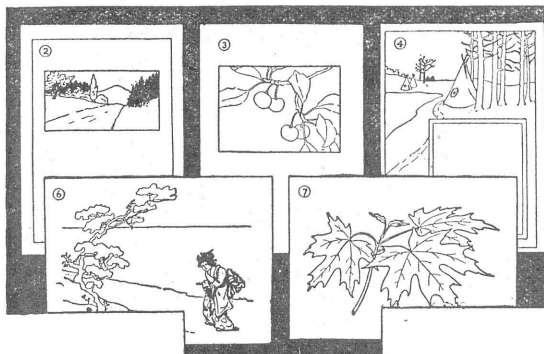
ALPHABET COPY SLIPS



A copy slip containing the entire alphabet, both capitals and small letters, numerals and punctuation marks, in beautiful, clear script. To be placed before children learning to write, as a reference card of correct forms. Printed on heavy manilla paper, 9 1/2 x 2 in.

Price, per 12 copies, 20 cents.

BOOKLET COVERS TO COLOR



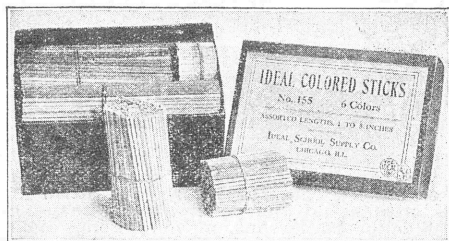
Twelve artistic and attractive covers for coloring in water colors or wax crayon. These are engraved from pen drawings; printed on a high grade of tinted water color paper and folded with design on front, each making a complete cover for a booklet 5x7 inches. The designs are sufficiently varied to meet the seasonal demands of the School year.

The inside leaves may be written, drawn or otherwise made up by the pupils upon any paper of the proper size, and the booklet completed by sewing through cover with baby ribbon or silkaleen and tying in a bow. The title, if desired, may be lettered with pen and ink.

- | | |
|--------------|-------------------|
| 1. Lilies | 7. Maple Leaf |
| 2. Landscape | 8. Holly and Bell |
| 3. Cherries | 9. Wild Rose |
| 4. Hiawatha | 10. Autumn |
| 5. Goldenrod | 11. Valentine |
| 6. Japanese | 12. Chrysanthemum |
- Price, in any assortment, per dozen.....\$0.35
Price, in any assortment, per 100..... 2.50

BETTER VALUE—GREATER VARIETY

STICKS FOR STICK LAYING



These sticks are used to teach numerical proportion and for form work before drawing has been attempted. The sticks are perfectly square and carefully cut in length.

COLORED STICKS

These sticks are beautifully colored in the six primary colors. 1,000 sticks in a package.

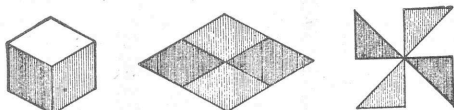
No. 205—5 inches long, 6 colors.....	\$0.80
No. 204—4 inches long, 6 colors.....	.75
No. 203—3 inches long, 6 colors.....	.70
No. 202—2 inches long, 6 colors.....	.65
No. 201—1 inch long, 6 colors.....	.55
No. 155—Assorted lengths, 1 to 5 inches in a strong pasteboard box, 6 colors. Price, per box.....	.60

PLAIN STICKS

These sticks are furnished in the natural wood. 1,000 sticks in a package.

No. 205P—5 inches long	\$0.70
No. 204P—4 inches long	.65
No. 203P—3 inches long	.60
No. 202P—2 inches long	.55
No. 201P—1 inch long	.50
No. 155P—1 to 5 inches long, assorted.....	.60

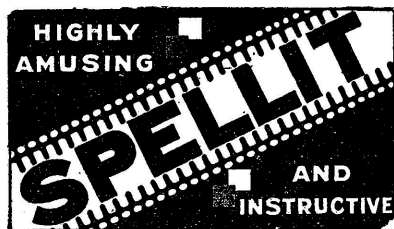
PARQUETRY BLOCKS



Wooden tablets, made of half square and diamonds, and colored in 6 standard colors. With these blocks most artistic and instructive designs may be made. Put up in strong pasteboard boxes, each containing suggestive designs.

No. 701—250 blocks, 1 inch long 6 colors....	.60
No. 700—80 blocks	.35

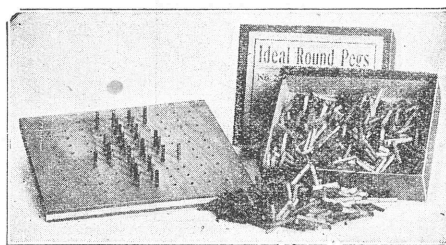
SPELLIT



Spellit is a word-building game with cards made domino shape, having a consonant one end and a vowel at the other, the combination materially assisting the child in making words, the points for which increase according to the size of the word. Amusing as well as instructive it induces effort in the child with results.

Price 50 cents.

PEG BOARDS AND PEGS

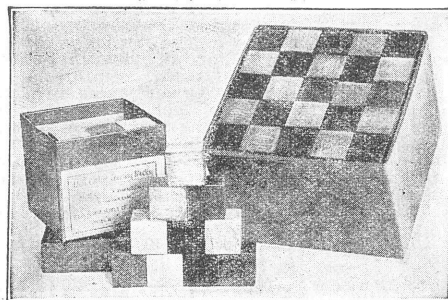


Our peg boards are made of 3-ply, built-up stock, thoroughly seasoned and well finished. The back is covered with a blotter to protect the desks and has printed instructions for use. Each board is punched with 100 evenly spaced holes.

Our pegs are very carefully made and finely colored.

No. 66—6x6 inch board. Each.....	\$0.50
No. 660—1,000 small round colored pegs. Per box	.60
No. 665—3,000 small square pegs, colored. Per box	.50
No. 1055—1,000 large square pegs, colored. Per box	.50
Enlarged Peg Boards, 10x10 inch, with 3-16 inch holes, Each	1.00
No. 1050—Enlarged Pegs for same, 2x3/16 inch Round. Per box of 100 asst. colors	.75

CUBICAL COUNTING BLOCKS



One inch cube blocks, made from carefully selected stock, furnished plain or in six standard colors. These blocks may be used to teach numbers, fractions or form and design.

No. 27C—27 colored cubes in a box.....	\$0.45
No. 100P—100 plain cubes in a box.....	1.20
No. 100C—100 colored cubes in a box.....	1.50
No. 500C—500 colored cubes in a box.....	4.00

THE TABLE BUILDER

Some pupils in every second or third grade find it exceedingly difficult to remember the multiplication tables. The Idea' Table Builder presents the facts of these tables in the form of a game or puzzle, and affords thorough drill upon every combination to 12x12

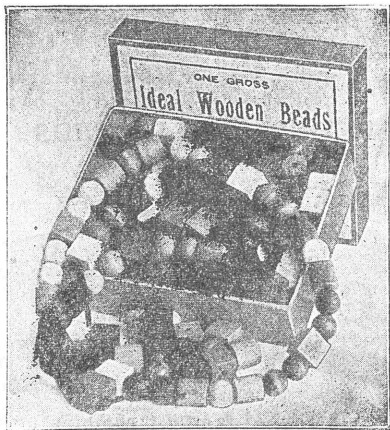
It consists of a square of cardboard divided by lines into 144 small squares. The squares in the upper row are numbered consecutively from 1 to 12. The squares in the first and left hand column are similarly numbered from top to bottom. All the other squares are blank. Eleven strips containing the products of these tables are furnished with each set.

With each set there is a set of examples which furnish most excellent drill work, while developing a series of symmetrical and progressively complicated geometric designs.

Price, per set, in pasteboard box, 25 cents.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WOODEN BEADS FOR STRINGING



144 assorted $\frac{1}{2}$ inch beads, spheres, cubes, and cylinders in the 6 primary colors. A hole is bored through the center to permit of stringing. An interesting and practical item.

790C.....One gross, assorted, in box..... .55c

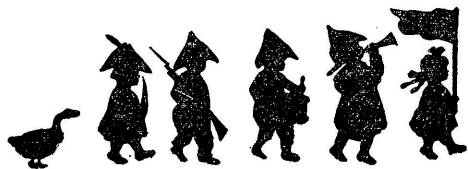
790P.....A box containing 144 half-inch wooden beads, spheres, cubes and cylinders, assorted, uncolored. Price .55c.

SHOE LACES—For Stringing Beads

One doz. long cotton laces, assorted colors \$1.25

One doz. long cotton laces, black..... .75

SILHOUETTE DESIGNS



Twenty sheets of black silhouette paper, 10x12 inches, with outline drawings printed on the white reverse side. Seventy animals, birds, children and other designs are included. The designs are to be cut out and used for making posters, borders, etc., which can be made very useful in primary language, number and drawing.

Price, per set in envelope, 50 cents.

RAINY DAY PLAY

Silhouette



Sixty-three silhouette designs of animals and birds, copied from paintings by Rosa Bonheur, Landseer and others.

Each set contains 20 sheets, 9x12 inches, with designs printed on the white reverse side of black silhouette paper. In an attractive envelope.

Price, per set, 50 cents.

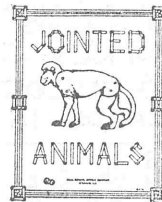
MOTHER GOOSE SILHOUETTES



Twelve artistic drawings in outline of Mother Goose favorites, printed on the white reverse side of black silhouette paper. To be cut out and mounted for scrap-book illustrations, posters, schoolroom or nursery borders, etc. The drawings, 10x12 inches, are full of life and carry out the spirit of the familiar rhymes perfectly.

Price, per set in envelope, 45 cents.

JOINTED ANIMALS



Ten animals drawn by Bess Bruce Cleave land in sections to be cut out and jointed, making movable toys. This is not a set of grotesque outlines, but is true to nature and when the animals are colored according to directions the set has a real educational value.

The animals in the set are: The Monkey, Lion, Giraffe, Camel, Rhinoceros, Kangaroo Fox, Horse, Cow and Sheep. Printed on a good quality of cardboard, stiff enough to stand alone, size 7x9, fasteners furnished with each set, which is put up in an attractive box.

Price, per set, 60 cents.

MERIT CARDS



These may be given for meritorious work of any kind. When five are received, exchange them for a Five Merit Card. The Five Merit Cards are exchanged similarly for a Twenty-five Merit Card, and these in turn for a One Hundred Merit Card. These may be exchanged for a little Diploma, 6 $\frac{1}{2}$ x8 inches, very neat, and having spaces for pupil's name, date, teacher's name, etc.

One Merit Card. Per 100.....\$0.20

Five Merit Cards. Per 100..... .40

Twenty-five Merit Card. Per dozen..... .35

One Hundred Merit Card. Per dozen..... .35

Diplomas. Per dozen..... .25

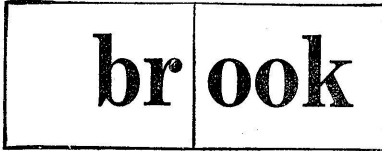
Good, Perfect, and On Time Cards.

Each. per 100..... .25

PRIMARY WORK IS A FOUNDATION TO SUCCESSFUL EDUCATION

UNIVERSAL PHONETIC WORD CARDS

Adapted for Use with Any Series of Readers



Designed for individual drill in the use of those phonetic combinations most frequently occurring in the first and second reader vocabularies. The phonograms and initial combinations have been selected with great care, and the assortment of cards in each set is such as to permit the building of more than one hundred words at one time. Over six hundred different words are possible with the two sets. The cards are printed from beautiful, clear type on heavy Manilla tag board. Each card is alike on both sides. The child's time is not wasted in turning cards over.

Set No. 1 contains 24 of the simplest phonograms duplicated from three to eight times. Also about 80 initial consonants and 18 of the most commonly used two-letter initial combinations, making altogether over 250 separate cards, building more than 300 different words.

Price, per box, 35 cents.

Set No. 2 contains 34 three and four-letter phonograms duplicated three to six times. Also 112 consonants and initial combinations, including duplicates. This set will build nearly 400 different words. It is a little more advanced and is intended to follow Set No. 1.

Price, per box, 35 cents.

WORD BUILDERS LETTER CARDS—IN BOXES



A careful assortment of capitals, small letters and punctuation marks for use in word making. Printed in large, clear type on a tough ticket board which is firmer and more durable than the board used in any other set. The letters are so cut as to form a word as it appears on the printed page, and not spread out as in many sets. The same letter is printed on both sides of the card.

Price, in pasteboard box, 30 cents.

LETTER CARDS, IN STRIPS

Same as above, but printed on strips of cardboard $\frac{3}{4}$ of an inch wide; the letters are to be cut apart by the children.

Price, per set, 15 cents.

PHONIC WORD BUILDER (In Boxes)



An entirely new phonic set for individual seat work, especially designed for beginning classes. The set consists of initial combinations, initial phonograms and final combinations, 260 in all, and will afford excellent drill preparatory to the use of any primer or first reader. The same type, cardboard and plan of printing is used in these as in the Ideal Letter Cards, which may be used in combination with them if desired.

Price, per set, in box, 30 cents.

PHONIC WORD BUILDER

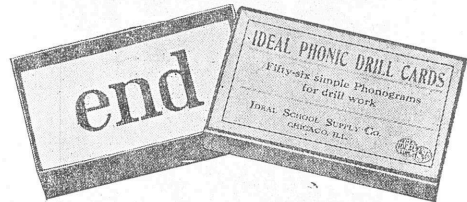
(In Strips)

This set is the same as the foregoing, except that it is printed on strips $\frac{3}{4}$ inch wide, ready for cutting by the pupil.

Price, per set, 15 cents.

PHONIC DRILL CARDS

(Type greatly reduced)



Fifty-six word-family combinations of phonograms taken from the primer and first reader vocabularies. They are printed on 3x5 inch Manilla cards in type large enough to be clearly seen from all parts of a class-room. Used by the teachers as "flash" or perception cards for rapid drill in the recognition and pronunciation of these common phonic elements.

Price, per set, 50 cents.

LARGE TYPE LETTER CARDS

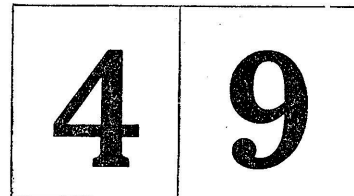


The cards are printed in a large bold face type on light gray, 6-ply, strong cardboard. The capitals are on cards 1 inch square and the small letters on cards $\frac{1}{2}$ x 1 inch. The large type and heavy board makes this a most satisfactory set for the use of the younger pupils. The thickness of the cardboard makes it easy to pick up a card and they will last much longer than the sets printed on lighter board.

Each set contains a large assortment of both capitals and small letters, also punctuation marks. Put up in a neat, strong box.

No. 248. Price, per set..... \$0.50

LARGE TYPE NUMBER CARDS

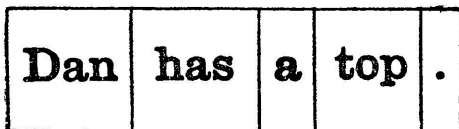


A new set of Number Cards printed on heavy, tough, light gray cardboard in large bold faced type. The set comprises a large assortment of numbers with a good supply of arithmetical signs, over 275 cards one inch square, put up in a neat, strong box.

No. 249—Price, per set, 50 cents.

SEND SUFFICIENT MONEY TO COVER POSTAGE

SENTENCE BUILDERS IN STRIPS



A carefully selected list of about 250 primer and first reader words, etc., including duplicates, printed in first reader type on both sides of strips of cardboard, to be cut into single words by the purchaser.

With this set of words most of the sentences given in the early part of any first reader may be built, as well as many original or dictated sentences. Of great value in fixing word forms in the pupil's mind. This set can be used to advantage following the Letter Cards or Phonic Word Builder.

Price, per set, 15 cents.

SENTENCE BUILDER

Word strips, as above, cut into single words and put up in pasteboard box.

Price, per box, 30 cents.

FORM CARDS

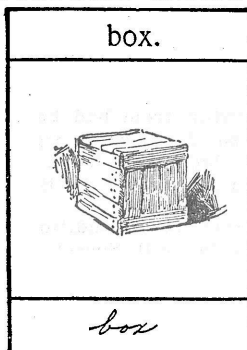
In this set the sphere cube, cylinder, cone and pyramid are included as type forms, and each is illustrated by a number of pictures of familiar objects in whose outlines the type form is conspicuous. The child is given a type picture, the cube, for instance, and a number of other pictures from which he selects those resembling the type form. This not only affords interesting occupation, but leads the pupils to observe the type forms in other objects that come to their attention.

The cards may also be used for word drills in the same manner as the Picture Cards.

Twenty-five cards in pasteboard box.

Price, per box, 25 cents.

PICTURE CARDS



Upon each card is a picture reproduced from an original pen drawing of the object represented.

Above the picture is the name of the object in print, while below the picture the name is repeated in script. When used, one or both the names should be cut off, the cards mixed and then given to the child to place with the proper pictures again. A large number of common words, printed and written, are thus most pleasantly fixed in the child's mind.

Three sets, each containing twenty-four cards, in a pasteboard box.

Set No. 1—Animals, Birds, etc.

Set No. 2—Fruits, Flowers, Vegetables.

Set No. 3—Common Forms and Objects.

Price, per set, 25 cents.

COMBINATION NUMBER and WORD CARDS—IN BOXES

$\frac{1}{2}$ of 6 boys

The most complete and useful set of number or arithmetic cards for seat work ever offered at so low a price.

The set contains about 120 figures, the common arithmetical signs, the words "and," "less," "are," "of," and "times," and the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, etc., to $\frac{4}{5}$. Also the dollar sign, and a number of words such as "cent," "boy," etc., in singular and plural, so that statements like "1 boy and 3 boys are 4 boys" may be built.

Type and cardboard are the same as in the Number Cards, and the cards are alike on both sides.

Price, per set in box, 30 cents

COMBINATION NUMBER and WORD CARDS—IN STRIPS

The cards are the same as the above except that they are made up in strips $\frac{3}{4}$ of an inch wide, and are to be cut apart by the children.

Price, per set, 15 cents.

NUMBER CARDS—IN BOXES



Figures and arithmetical signs for pupils' use in number building. The only set on the market with which any of the multiplication tables, 2's to 12's can be built.

Printed on both sides of tough ticket board in bold, clear figures.

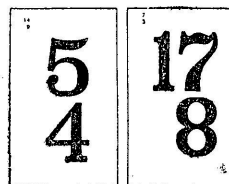
Price, in pasteboard box, 30 cents.

NUMBER CARDS—IN STRIPS

Same as above, but printed on strips to be cut apart by the pupils.

Price, per set, 15 cents.

KIBBE NUMBER DRILL CARDS



(Type greatly reduced)

These cards are designed for "flash" or rapid drill exercises.

For accurate, rapid work in arithmetic which modern business demands, the common number facts must be made so familiar that their recall becomes immediate and unerring.

The Kibbe Number Drill Cards are the best possible device for accomplishing this result. Ninety-six two-number combinations are printed in type $1\frac{1}{2}$ inches high on strong Manilla cards, 3x5 inches. These include all the combinations of the addition, subtraction and multiplication tables, and also many of the combinations of the division tables.

Price, per set, 45 cents.

WILL REFUND ANY AMOUNT OVERPAID

Better Speech Series

PRACTICE AND DRILL CARDS

In the present nation-wide movement for "Better Speech," one fact has been demonstrated beyond possible doubt, namely: that the use of correct English must become a **habit**; and that this habit is most readily formed by a continued repetition of correct forms.

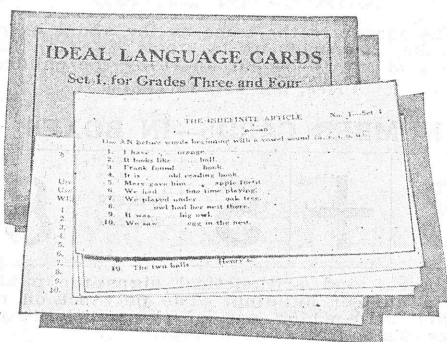
The four sets of exercises included in this "Better Speech" series have been constructed for the express purpose of providing interesting drill upon—

1. Those forms and expressions most frequently misused.
2. The most common errors in oral speech.
3. An extended and enriched vocabulary.

The scope of these exercises and the method of presentation are such as to permit their use supplementary to any series of textbooks in English. Much of the material included in the nearly two hundred exercises will not be found in any of the regular school texts, but has proven exceptionally valuable in training mind and organs of speech to better habits in the use of English. In every school there is the opportunity for "Better Speech" through the use of these interesting and valuable exercises.

LANGUAGE CARDS

Set 1—Grades Three and Four



It is the purpose of the **Language Cards** to provide the material by which the entire class or the individual pupil may be given the kind and amount of drill needed to fix proper forms of expression and correct idioms definitely in the mind.

Fifty separate exercises, which may be either oral or written, comprise the series, each covering some weak point or common error in the use of English, including the simpler irregular verbs, homonyms and commonly misused words.

This set consists of fifty 3½x6-inch cards of strong manilla, put up in a neat box and with full directions for use.

No. 250—Price, per set, 65 cents.

LANGUAGE CARDS

Set 2—Grades Four and Five

Continuing the work of Set 1, the fifty exercises comprised in Set 2 include some of the more difficult homonyms; studies of many words often used wrongly; choice of words for definiteness and smoothness of expression; difficult plurals and the irregular verb forms commonly misused.

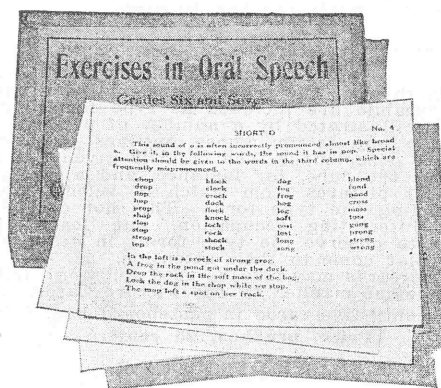
The exercises in these two sets cover all the most common errors in every day speech. They have been prepared especially for effective written and oral drill. They may be used to advantage either with a class or in individual seat work.

The set consists of fifty 3½x6-inch cards of strong manilla, put up in a neat box and with full directions for use.

No. 251—Price, per set, 65 cents.

EXERCISES IN ORAL SPEECH

Grades Six and Seven



Oral or spoken language presents difficulties not met with in written language, difficulties of pronunciation, articulation and enunciation, difficulties arising from bad habits and ignorance in the use of the vocal organs, difficulties occasioned by lack of culture, by carelessness and by unfamiliarity with the English language.

It is to correct such conditions as these that the Exercises in Oral Speech were especially prepared. They are different from any other series of exercises in language. Their purpose is to better enable children to speak with distinctness and clarity, to talk in a cultured rather than an ignorant manner. Many children are handicapped through life by habits of speaking, which a little training at the proper time might have corrected.

These exercises, all oral, can be given daily with little expenditure of time and real enjoyment for teacher and pupils, a lively, restful, joy-giving drill with a real purpose behind it.

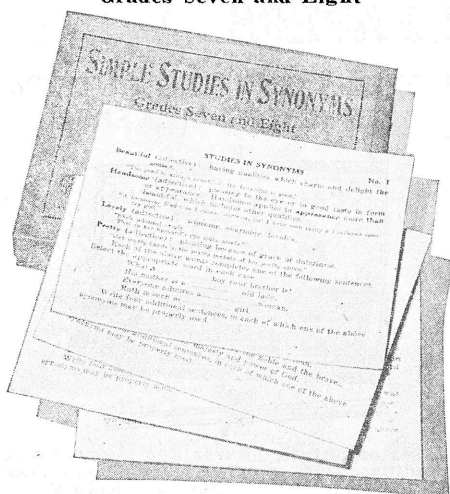
A set consists of 42 cards, 4½x6 inches, printed in clear type on strong manilla and put up in a box with full directions for use.

No. 252—Price, per set, 65 cents.

IF IT'S KINDERGARTEN MATERIAL—WE HAVE IT

SIMPLE STUDIES IN SYNONYMS

Grades Seven and Eight



In the closing grades of the elementary school, pupils should have acquired a fair knowledge and use of correct English both in writing and in speaking. Many children, especially those of foreign birth or parentage, have a very limited vocabulary, often inadequate for the ready understanding and appreciation of the literary studies of the grade.

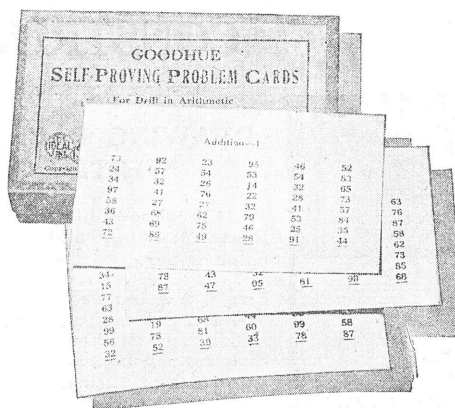
"Studies in Synonyms" leads the children pleasantly into an appreciation of the nice differences in meaning and the careful selection of words that mark the works of the best writers and distinguish the speech of the cultured from that of the ignorant; and gives them a usable knowledge of a large number of desirable words.

The fifty exercises include work in word comparison and selection, literature, use of dictionary and original sentence construction. As individual seat or home work for pupils of seventh or eighth grade nothing more interesting or beneficial could easily be found.

Full directions for the use of the cards accompany each set. A set consists of 50 strong manilla cards $4\frac{1}{2} \times 6$ inches, put up in a neat box.

No. 253—Price, per set, 65 cents.

SELF-PROVING PROBLEM CARDS



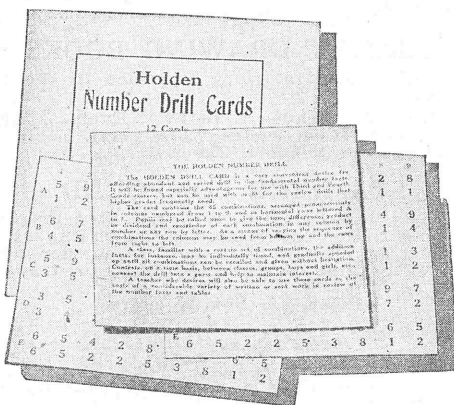
A pupil should acquire in the third and fourth grades a mastery of the four fundamental operations. Without this knowledge, he is handicapped in all his later work in Arithmetic. Much practice is needed on fairly simple problems to accomplish this result.

The purpose of this set of drill cards is to supply abundant material for practice in Addition, Subtraction, Multiplication and Division, simple enough to avoid discouragement and comprehensive enough to cover all the difficulties in these operations.

The self-proving feature makes these cards of special value to both teacher and class. Since each card has a different set of problems, every child must work independently. There can be no copying or exchanging of results. When the papers are inspected by the teacher, a glance at each problem is sufficient to determine its correctness, and the papers of an entire class may be graded with the minimum of time and effort.

There are 100 cards, printed on a strong manilla, 3×5 inches, with full directions for teachers' use. In a neat box.

No. 257—Price, per set, 90 cents.



THE HOLDEN NUMBER DRILL

The **Holden Drill Card** is a very convenient device for affording abundant and varied drill in the fundamental number facts. It will be found especially advantageous for use with Third and Fourth grade classes, but can be used with profit for the review drills that higher grades frequently need.

Each card contains the 45 combinations promiscuously arranged in columns and so keyed that the work may be varied. This set of cards is especially adapted to speed drills and contests between individuals and groups.

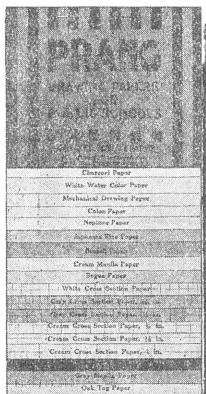
A teacher who desires will also be able to use these cards as the basis of a considerable variety of written or seat work in review of the number facts and tables.

A set consists of twelve cards printed in plain type on high grade manilla, $3\frac{3}{4} \times 4\frac{3}{4}$ inches, in an envelope with full directions for use.

No. 258—Per set, 35 cents.

FOR 37 YEARS CANADA'S SCHOOL FURNISHERS

DRAWING PAPERS — ART SUPPLIES CONSTRUCTION PAPERS



DRAWING PAPER WHITE

100 sheets high grade white drawing and water color paper.

Size 6 x 9 inches.	
Per Pkg.	\$0.45
Size 9 x 12 inches.	
Per Pkg.	.90
Size 12 x 18 inches.	
Per Pkg.	1.75

CREAM MANILLA PRACTICE PAPER

A good quality paper for Practice Work.

Pkgs. of 100 Sheets, 6x9 inches.....	\$0.25
Pkgs. of 100 Sheets, 9x12 inches.....	.50
Pkgs. of 500 Sheets, 6x9 inches.....	1.00
Pkgs. of 500 Sheets, 9x12 inches.....	1.90

GREY MANILLA PRACTICE PAPER

BOGUS PAPER

Pkgs. of 100 Sheets, 6x9 inches.....	\$0.25
Pkgs. of 100 Sheets, 9x12 inches.....	.50
Pkgs. of 500 Sheets, 6x9 inches.....	1.00
Pkgs. of 500 Sheets, 9x12 inches.....	1.90

CROSS SECTION PAPER

In Squares $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch, in both 6x9 and 9x12. This paper is used for design, cutting, folding, etc., and the white cross section paper may be used as graph paper.

Grey Cross Section Paper—	
6x9 inches. Per Pkg. of 100.....	.30
9x12 inches. Per Pkg. of 100.....	.60
Cream Cross Section Paper—	
6x9 inches. Per Pkg. of 100.....	.30
9x12 inches. Per pkg. of 100.....	.60
White Cross Section Paper—	
6x9 inches. Per Pkg. of 50.....	.40
9x12 inches. Per Pkg. of 50.....	.75
Black Cross Section Paper—	
6x9 inches. Per Pkg. of 50.....	.50
9x12 inches. Per Pkg. of 50.....	1.00

OAK-TAG PAPER (Tag Manilla)

For Cardboard Construction work, Toy Furniture, Portfolios, Folders, etc.

Plain, Pkg. 100 Sheets, 9x12. Per Pkg.....	.90
Sheets 20x25-in.—One side ruled red and blue squares, large and small.	
Per Dozen Sheets	.80

STENCIL BOARD

Size 5x6 inches. Per doz.....	.20
Size 10x12 inches. Per doz.....	.75

RICENE TRACING PAPER

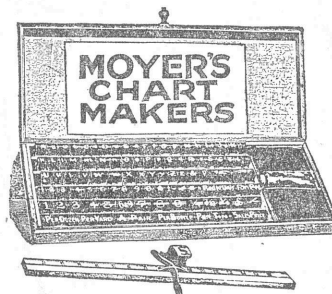
Per Pkg. of 100 Sheets, $8\frac{1}{2}$ x11 inches.....	.65
Per Pkg. of 100 Sheets, 11 x17 inches.....	1.30

SKETCH BLOCKS, WHITE

A very high grade Water Color Paper. Put up in Blocks for convenient use.

Size 6x9 inches	\$0.40
Size 9x12 inches	.80

MOYER'S PRINTING OUTFITS OR CHART MAKERS



A set of letters, figures and signs for making reading charts, number work charts, notices, school bulletins, etc. Large size letters.

Very valuable as a school aid, especially to Primary Teachers or Rural Teachers. Put up in attractive wooden box.

Price, complete \$6.00

CHARCOAL PAPER

This paper has a rough surface with just sufficient tooth to take charcoal perfectly.

Per Sheet, Tints or White..... \$0.15

FRENCH CHARCOAL

Per Box \$0.65

FIXATIF

For use with Charcoal and Pastel Drawings to prevent smearing.

Per 2-oz. Bottle \$0.35

INDUSTRIAL ART TEXT BOOKS

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This is the latest and most notable series of Text Books on Public School Art yet issued. Perfectly graded for all grades.

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Nos. I. to IV—(Grades I. to IV.), Each..... \$0.25
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No. IX.—(High School), Each..... .40

STAMPING COMPOUND

For transferring Busy Work Stencils, does not smear the paper nor soil the fingers or clothing as crayon or stamping powder does. A box contains enough material to transfer many designs.

Price, per box, 25 cents.

STAMPING POWDER

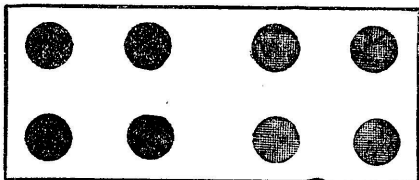
For transferring Busy Work Stencils. In packages containing a sufficient quantity for many designs.

Price, per package, 25 cents.

WE SELL FROM COAST TO COAST

DOMINO CARDS

For Simple Seat Work in Numbers



Cards in domino form make an attractive and useful method of drilling children upon the simplest number facts. Domino Cards contain all the combinations to 10, and may be used in a number of interesting ways both for oral and seat work with first or second grade children. Considerable oral drill suitable for third grade classes is also possible with them.

The full set of 34 dominoes is printed on a sheet of heavy manila board, 8x9 inches, to be cut up for use. On the envelope many suggestions for their successful use are given.

12 sets in envelope, 35 cents.

GUMMED CIRCLES

For Making Domino Cards

In connection with the Ideal Domino Cards, the teacher can use large domino cards of her own making to great advantage. For this purpose we put up gummed circles one inch in diameter, cut from several colors of glazed paper, which are very pretty, durable and inexpensive. They can be pasted upon any light colored cardboard or heavy paper.

Three hundred in strong clasp envelope, assorted, red, green and blue.

Per envelope, 25 cents.

GUMMED DOTS

Ideal Gummed Dots are $\frac{1}{4}$ inch in diameter, cut from gummed glazed paper, in assorted colors.

Teachers find many uses for those gummed dots, among which is the making of cards for simple drill on number recognition and combination.

Three hundred assorted, red, blue and green, in an envelope.

Price, per envelope, 20 cents.

BUSY WORK STENCILS



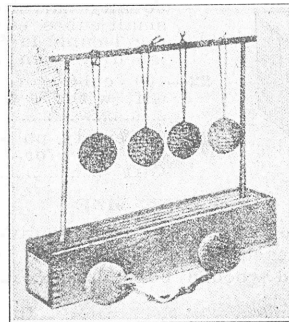
Very simple outline pictures, perforated on bond paper, 5x6 inches, for making sewing cards, patterns for drawing or coloring, illustrated reading lessons etc. Twenty designs in each set. The designs may be transferred many times to paper, cardboard, slate, cloth or blackboard. For transferring to blackboard use chalk filled eraser. On other material use Ideal Stamping Compound or Ideal Stamping Powder. These sets are all new and are superior to any similar sets on the market.

- Set 1—Flowers and Leaves.
- Set 2—Fruit and Vegetables.
- Set 3—Animals and Fish.
- Set 4—Birds and Butterflies.
- Set 5—Familiar Objects.
- Set 6—Sunbonnets and Overalls.
- Set 7—Indian and Eskimo.
- Set 8—Children and Brownies.
- Set 9—Thanksgiving and Christmas.

Price, per Set, 25 cents.

THE GIFTS

Aim: to teach color (primary: red, yellow, blue, and secondary: orange, green and violet) and direction (forward and backward, right and left, up and down); to train the eye, and to exercise the hands, arms and feet in various plays.



FIRST

GIFT

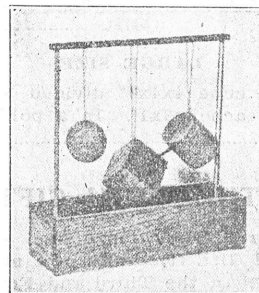
1a—A set of six $1\frac{1}{2}$ " rubber balls covered with a netting of worsted in the standard colors, red, orange, yellow, green, blue and violet with detachable strings. In a polished wooden box containing supports and crosspiece for hanging the balls. \$3.75.

2—A set of six $1\frac{1}{2}$ " worsted balls, without wooden box. \$3.00.

5—A polished wooden box for the First Gift with crosspiece and supports, without balls. \$1.05.

LARGE SIZE

6—A set of six soft, filled worsted balls, 3" diameter, in primary and secondary colors. In a wooden box with supports and crosspiece for hanging the balls. Weight, 3 lbs. \$10.00.



SECOND

GIFT

Aim: to teach form and to direct the attention of the child to the similarity and dissimilarity existing between various objects. This is done by pointing out, explaining and counting the sides, corners and edges of the cube; by showing that the sphere, the cylinder and the cube differ from one another in their several properties on account of their difference in shape; by pointing out that the apparent form of the sphere is unchanged however viewed, but that the apparent forms of both the cube and the cylinder vary according to the point from which they are viewed.

11a—A set consisting of 1 sphere, 1 cylinder, and 2 cubes (each measuring 2"), neatly made of wood and provided with the necessary staples, strings and holes. In a polished wooden box with supports and crosspiece for hanging the forms. \$2.00.

11b—Ditto, with one cone instead of the extra cube. \$2.00.

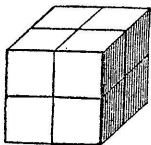
LARGE SIZE

14a—A set consisting of a sphere, a cylinder and a cube, all made of hardwood and measuring 3". In a polished wooden box. Weight, 3 lbs. \$4.50.

CHILD LIFE DEVELOPMENT DEPENDS ON YOUR PRIMARY ROOM

THE THIRD GIFT

Aim: to illustrate form and number, and also to give the first ideas of fractions, symmetry, etc.



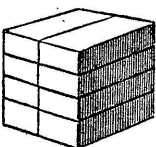
- 21—A large cube $2 \times 2 \times 2$ " equally divided into 8 small cubes, each measuring 1 cubic inch. In a polished wooden box.....\$.60
- 22—100 cubes of the Third Gift without wooden box. \$3.00
- 23—An empty polished wooden box for the Third Gift\$.45

LARGE SIZE

- 24—A large cube $4 \times 4 \times 4$ " equally divided into 8 cubes, each measuring 8 cubic inches. In a polished wooden box \$2.15

THE FOURTH GIFT

The aim of the Fourth Gift is similar to that of the Third, but it gives rise to the observation of similarity and dissimilarity and allows a varied and interesting application in the production of forms of knowledge (or mathematical forms), of beauty (or symmetry) and of life.



- 31—A large cube $2 \times 2 \times 2$ " divided into 8 oblong blocks, each $2 \times 1 \times \frac{1}{2}$ ". In a polished wooden box \$.60
- 32—100 oblong blocks of the Fourth Gift, without wooden box \$3.00
- 32a—An empty polished wood box for the Fourth Gift.\$.45

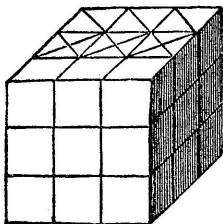
LARGE SIZE

- 33—A large cube $4 \times 4 \times 4$ " divided into 8 oblong blocks, each $4 \times 2 \times 1$ ". In a polished wooden box. \$2.15

THE FIFTH GIFT

This is a continuation of and a complement to the Third Gift. It admits of a more extended application than the Third and Fourth.

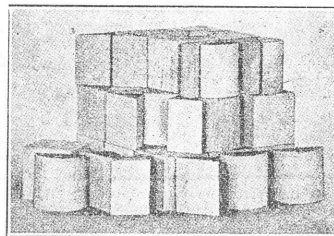
- 41—A large cube $3 \times 3 \times 3$ " divided into 21 cubes, each measuring 1 cubic inch, 6 half and 12 quarter cubes. In a polished wooden box..... \$1.25
- 42—100 half-cubes of the Fifth Gift without wooden box \$3.00
- 43—100 quarter-cubes of the Fifth Gift, without wooden box \$3.00
- 43a—An empty polished wooden box for the Fifth Gift\$.70



LARGE SIZE

- 44—A large cube $6 \times 6 \times 6$ " divided into 21 cubes, each measuring 8 cubic inches, 6 half-and 12 quarter-cubes. In a polished wooden box, (Weight 7 lbs.)..... \$3.50

THE FIFTH GIFT B.

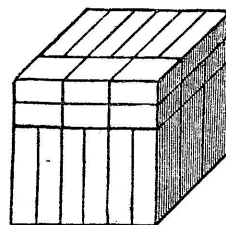


- 46—A large cube $3 \times 3 \times 3$ " as a combination of the Second and Fifth Gift, divided into 12 cubes each $1 \times 1 \times 1$ ", 8 additional cubes from each of which one corner is removed corresponding in size to one quarter of a cylinder, 6 cylinders each measuring 1" divided into 12 half-cylinders, and 3 cubes each $1 \times 1 \times 1$ " divided diagonally into 12 quarter-cubes. In a polished wooden box..... \$2.00

THE SIXTH GIFT

This is a continuation of and a complement to the Fourth Gift. It admits of a very extended application.

- 51—A large cube $3 \times 3 \times 3$ " divided into 18 whole oblong blocks each $2 \times 1 \times \frac{1}{2}$ ", 3 similar blocks divided lengthwise into 6 each $2 \times \frac{1}{2} \times \frac{1}{2}$ ", and 6 divided crosswise into 12 each $1 \times 1 \times \frac{1}{2}$ ". In a polished wooden box \$1.25
- 52a—100 blocks of the Sixth Gift, $2 \times \frac{1}{2} \times \frac{1}{2}$ ", without box\$3.00
- 52b—100 ditto $1 \times 1 \times \frac{1}{2}$ " without box\$3.00
- 52c—An empty polished wooden box for the Sixth Gift.....\$.70

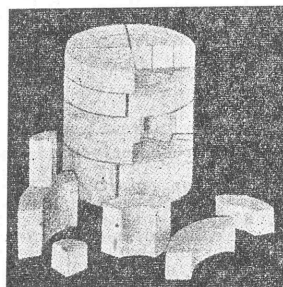


LARGE SIZE

- 52d—A large cube $6 \times 6 \times 6$ " divided into 18 oblong blocks each $4 \times 2 \times 1$ ", 3 similar blocks divided lengthwise into 6 each $4 \times 1 \times 1$ " and 6 divided crosswise into 12 each $2 \times 2 \times 1$ ". In a polished wooden box, (Weight 7 lbs.)..... \$3.50

THE CURVILINEAR GIFT.

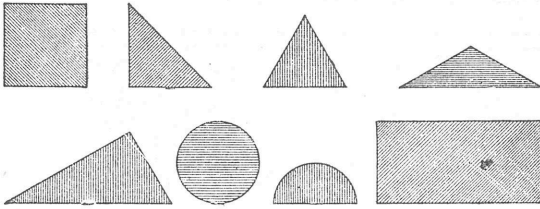
- 57—A pasteboard box containing a maple cylinder measuring 3" in length and 3" in diameter, divided by 2 concentric circular cuts into 3 cylinders, respectively 1 in, 2 in, and 3 in. in diameter, divided vertically into 4 equal parts by 2 cuts whose planes are



at right angles to one another, and divided horizontally into 4 equal parts by 3 horizontal cuts parallel to the ends of the cylinder. The cylinder is thus divided into 48 pieces by means of which rings, arches, etc. in short curved lines may be constructed. This is to be regarded as a building gift, supplementing the preceding ones by introducing the curved line without which the child is unable to represent many objects which he might care to. \$2.75

SEND SUFFICIENT MONEY TO COVER POSTAGE

THE SEVENTH GIFT



This Gift consists of rectangular, triangular and circular polished tablets of light and dark wood.

The designs for symmetrical forms are innumerable and when all of the tablets are used many beautiful designs can be produced.

Tablets are obtainable made of various materials, wood, cardboard and paper, but the most durable are those made of thin pieces of wood of the natural colors, light and dark. Froebel evidently did not intend color but rather form to be a characteristic of this gift.

See Below for Items in Seventh Gift.

Light and Dark Polished Wooden Tablets, 1 inch Basis.

62a.	100 Squares, 1x1".	\$.85
72a	100 Right-angled isoscles triangles (half-squares).	85
92a	100 Equilateral triangles	85
97a	100 Right angled scalene triangles (half of 2" equilateral triangles. Old style. See note above).	85
97b	100 Right-angled scalene triangles (half of 2x1" oblongs. New style. See note above).	85
100a	100 Oblongs, 2x1"	 1.50
102a	100 Obtuse-angled triangles	85
102b	100 Circles, 1" diameter	85
102c	100 Semi-circles, 1" diameter	85

Parquetry Papers in Assorted Forms and Colors.

117a	A box containing 1000 pieces engine-colored parquetry papers in assorted forms and colors, ungummed	\$.50
117b	1000 ditto, gummed	75
117c	1000 pieces glazed parquetry papers in assorted forms and colors, ungummed	85
117d	1000 ditto, gummed	95

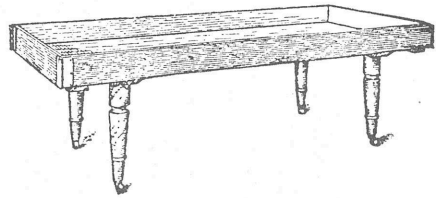
Large Size Sticks, Plain

194a.	100 Large size sticks, $\frac{3}{8}$ " square, 1" long	\$.25
194b.	100 " " " $\frac{3}{8}$ " " 2" "	.30
194c.	100 " " " $\frac{3}{8}$ " " 3" "	.35
194d.	100 " " " $\frac{3}{8}$ " " 4" "	.40
194e.	100 " " " $\frac{3}{8}$ " " 5" "	.45
194f.	100 " " " $\frac{3}{8}$ " " 6" "	.50

Large Size Sticks, Colored

194g.	100 Large size sticks, $\frac{3}{8}$ " square, 1" long	\$.35
194h.	100 " " " $\frac{3}{8}$ " " 2" "	.40
194i.	100 " " " $\frac{3}{8}$ " " 3" "	.45
194k.	100 " " " $\frac{3}{8}$ " " 4" "	.50
194l.	100 " " " $\frac{3}{8}$ " " 5" "	.55
194m.	100 " " " $\frac{3}{8}$ " " 6" "	.60

SAND TABLES

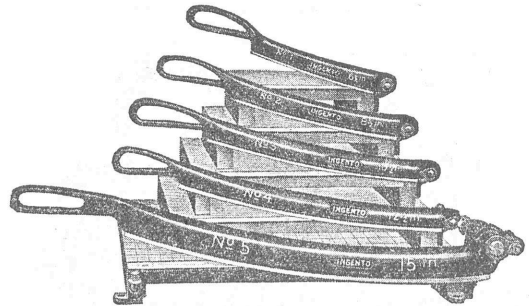


This illustration shows our Sand Table. The Table is strongly made of well seasoned wood. It is six feet long by 30 inches wide and 24 inches high from floor to top of tray. The tray is four inches deep, lined with zinc. The joints all leaded, painted and shellacked. The table is stiffened by two steel tension rods lengthwise of the bottom, and has removable legs on casters.

Price on Application.

CARD AND PAPER CUTTERS

Nos. 1, 2, 3, 4 and 5



The Same High Quality from Top to Bottom

This series of Ingento Trimming Boards represents the very acme of perfection in trimming board manufacture. Not one point has been overlooked. This is a strong statement, but is justified by facts.

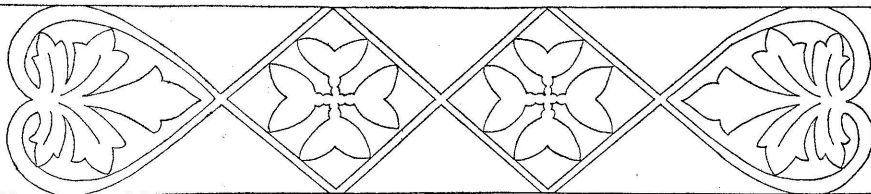
Points of Superiority

The bed is of seasoned maple as wide as it is long. The supporting cleats are mitred into the bed. The finish is produced by hand-rubbing and is as smooth as a piano. The blades are of the finest tool steel, properly tempered to insure a perfect cutting edge. The movable blade is hollow ground which makes it self-sharpening—a feature of the greatest importance in practical use. The spring joint is so constructed that it gives the movable blade a slight lateral motion. The two blades are in contact only where they cut. The result is clean cut edges every time. The rule has one eighth inch graduations and is set at a perfect right angle to the cutting edge. The beds are subdivided into perfect half-inch squares, permitting of accurate trimming at any point on the board.

No. 1—	6½ inch blade	 \$ 6.50
No. 2—	8½ inch blade	 8.00
No. 3—	10½ inch blade	 9.50
No. 4—	12½ inch blade	 12.50
No. 5—	15 inch blade	 40.00

WILL REFUND ANY AMOUNT OVERPAID

IDEAL BLACKBOARD STENCILS



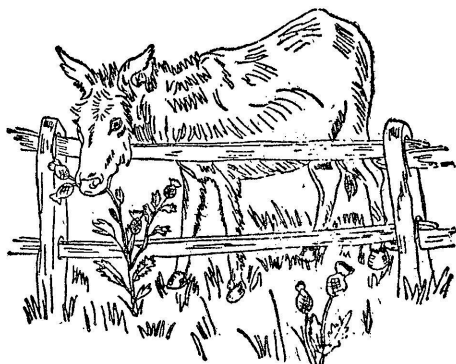
IDEAL BLACKBOARD STENCILS are prepared for the teacher who desires an outline pattern made by an artist and of subjects that are artistic, decorative and educational. They are all carefully made and when lined in and colored by the teacher, make very beautiful pictures.

We list below a varied assortment of subjects suitable for all grades, subjects and occasions. They are perfectly made, on an exceptionally high grade paper, and may be used many times. The workmanship is the best and this series is unquestionably the best obtainable.

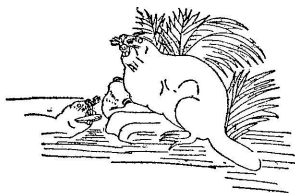
The sizes vary somewhat, according to the subject, but all are large and make attractive pictures. The price is the same regardless of size.

Price, Postpaid, Each 15 cents.

ANIMALS, BIRDS, ETC.



1. Cat.
2. Cow.
3. Horse.



5. Sheep.
6. Pig.
7. Donkey.
8. Dog.
9. Rabbit.
10. Squirrel.
13. Elephant.
19. Bear.
33. Polar Bear.
52. Turkey.
53. Duck.
54. Goose.
63. Eagle.
66. Ostrich.

FLOWERS, FRUITS, ETC.

100. Tulips.
105. Easter Lilies.
109. Daisies.
110. Dandelions.
111. Goldenrod.
113. Chrysanthemum.
114. Hollyhock.
117. Poinsettia.
118. Poppies.
119. Cattails.
120. Apple Blossoms.
150. Maple Leaves.
156. Apples on Branch.



VALENTINE AND EASTER

563. Heart and Ribbon Border.
800. Valentine Calendar.
801. Mailing the Valentine.
803. The Valentine Postman.
559. Easter Lillies Border.
507. Hen and Chicks Border.
820. Little Chicks Border.
51. Old Hen and Chicks.
514. Rabbit Head Border.
821. Group of Rabbits.
825. Rabbits and Eggs.

CHRISTMAS AND NEW YEAR

519. Christmas Bells.
560. Holly Border.
561. Mistletoe Border.
562. Poinsettia Border.
379. "Merry Christmas".
381. "Peace on Earth, Good Will Toward Men."
380. "Happy New Year."
700. Jolly Santa Claus.
701. Santa Claus and Sleigh.
702. Bringing in the Christmas Tree.
703. Christmas Tree.
704. Dancing 'Round the Tree.
708. The Little Santa Claus.
711. Holly, Ribbon and Bells.
712. Holly Wreath, 18 inches.
713. Santa Claus and Holly Border, 12 inches.

LETTERED DESIGNS

375. Program.
376. Roll of Honor.
377. Perfect Attendance.
378. Welcome.

FLAGS

Patriotic Flag Stencil.

861. Great Britain.
864. France.
866. Italy.
870. Japan.
871. China.
876. Canada.
872. Belgium.

PHYSIOLOGY

450. Skeleton.
452. Teeth.
453. Eye.
454. Ear.
455. Lungs.
456. Heart and Section.
457. Circulation.
458. Organs of Digestion.

CHARMING EFFECTS CAN BE PRODUCED BY USING STENCILS

Blackboard Stencils

Price, 15c Each, Postpaid

EIGHT-INCH BORDERS

- 546. Chicks and Worm.
- 549. Wild Rose Border.
- 550. Apple Blossom.
- 552. Poppy Border.
- 553. Grape Vine Border.
- 554. Daffodil Border.
- 557. Daisy Border.
- 564. Oak and Acorn.



Price, Postpaid, Each 15 cents.

CHILD LIFE CALENDARS

- 600. Sept.—School Again.
- 601. Oct.—Jack O'Lantern.
- 602. Nov.—Little Puritans.
- 603. Dec.—Night Before Christmas.
- 604. Jan.—The Snow Man.
- 605. Feb.—Dutch Children Skating.
- 606. March—The First Flowers.
- 607. April—Under the Umbrella.
- 608. May—In the Garden.
- 609. June—The Rose Queen.

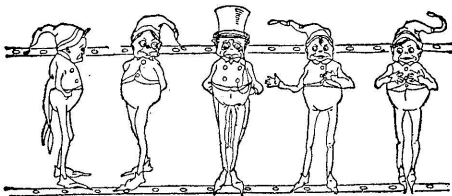
NATURE CALENDARS

- 610. Sept.—Golden Rod.
- 611. Oct.—Autumn Leaves and Chrysanthemums
- 612. Nov.—Corn, Pumpkin and Flying Birds.
- 613. Dec.—Landscape and Poinsettia.
- 614. Jan.—The Deserted Bird House.
- 615. Feb.—Icicles.
- 616. March—Dandelion and Pussy Willow.
- 617. April—Tulips and Rabbits.
- 618. May—Violets.
- 619. June—Roses and Bees.

HOLIDAY CALENDARS

- 620. September—Labor Day.
- 621. October—Hallowe'en.
- 622. November—Thanksgiving.
- 623. December—Christmas.
- 624. January—New Year.
- 625. February—Valentine.
- 626. March—St. Patrick's Day.
- 627. April—Easter.
- 628. May—Victoria Day.
- 629. June—Flag Day.

TWELVE-INCH BORDERS



- 500. Brownies.
- 504. Sunbonnet Babies.
- 505. Overall Boys.
- 506. Barnyard Parade.
- 508. Grapes and Vines.
- 511. Tulip Border.
- 512. Cattail Border.
- 516. Jolly Dutch Children.
- 566. Maple Leaves.
- 513. Flying Birds.
- 518. Dutch Windmills.

INDIAN AND ESKIMO

- 400. Group of Wigwams.
- 407. Hiawatha and Nokomis.
- 408. Boy Hiawatha.
- 426. Sled and Dogs.
- 425. Eskimo House.
- 410. Hiawatha and Minnehaha.
- 430. Eskimo Children.

THANKSGIVING

- 510. Turkey Border.
- 515. Pumpkin and Corn Border.
- 550. Cornfield and Pumpkins.
- 653. Proud Mr. Turkey, 18-in.
- 655. Feeding Mr. Turkey.

HALLOWE'EN

- 680. Owl and Cat Border.
- 681. Making Jack o'Lantern.
- 683. Flying Witch Border.

PATRIOTIC AND MEMORIAL

- 1000. Union Jack.
- 1001. Boy Holding Union Jack.
- 1002. Girl Holding Union Jack.
- 1003. Canadian Ensign.
- 1004. King George.
- 1005. Queen Mary.
- 315. Shakespeare.
- 310. Columbus.
- 316. Longfellow.
- 317. Whittier.
- 323. Haig.
- 324. Foch.
- 325. Currie.

MAP STENCILS

Price, 20c Each

Postpaid



24x36 inches.

- 900. North America.
- 902. South America.
- 904. Europe.
- 906. Asia.
- 908. Africa.
- 910. Australia.
- 912. Eastern Hemisphere.
- 914. Western Hemisphere.
- 916. United States.
- 924. British Isles.
- 936. World-Mercator.
- 933. Canada.
- 981. Alberta.
- 982. British Columbia.
- 983. Saskatchewan.
- 984. Manitoba.
- 988. Three Western Provinces.

DESK MAP STENCILS

A new series of outline maps in stencil form for the use of schools which do not care to buy the printed maps. The stencils are cut for use on 9x12 inch paper and may be used hundreds of times. The set contains: World, North America, South America, Europe, Asia, Africa, Australia and Canada.

Set 8 stencils in envelope, 40 cents.

BLACKBOARD STENCILS FOR ALL PURPOSES

FOLDING PAPERS

We have selected a very high grade of engine colored papers for this work and the range of colors is exceptionally well adapted to the work for which they are used.

It may be possible to get cheaper papers but considering the high grade of paper we use and the superior colors our customers will find all of our papers to be of better value than offered elsewhere.

Assorted Colors

Per Pkg. of 100 Sheets, 4x4 inches.....	\$0.20
Per Pkg. of 100 Sheets, 5x5 inches.....	.30
Per Pkg. of 100 Sheets, 6x6 inches.....	.40
Per Pkg. of 100 Sheets, 6x9 inches.....	.50
Per Pkg. of 100 Sheets, 9x12 inches.....	1.00

100 Sheets per Package. One Color per Package.
Size 4 x 4 inches.

No. 404R—Red	4 x 4
No. 404O—Orange	4 x 4
No. 404Y—Yellow	4 x 4
No. 404G—Green	4 x 4
No. 404B—Blue	4 x 4
No. 404V—Violet	4 x 4

15c per Package.

100 Sheets per Package. One Color per Package.
Size 5 x 5 inches.

No. 505R—Red	5 x 5
No. 505O—Orange	5 x 5
No. 505Y—Yellow	5 x 5
No. 505G—Green	5 x 5
No. 505B—Blue	5 x 5
No. 505V—Violet	5 x 5

25c per Package.

100 Sheets per Package. One Color per Package.
Size 6 x 6 inches.

No. 606R—Red	6 x 6
No. 606O—Orange	6 x 6
No. 606Y—Yellow	6 x 6
No. 606G—Green	6 x 6
No. 606B—Blue	6 x 6
No. 606V—Violet	6 x 6

35c per Package.

100 Sheets per Package, Assorted.	
Size 4 x 4 in.	20c
Size 5 x 5 in.	30c
Size 6 x 6 in.	40c
Size 7 x 7 in.	60c
Size 8 x 8 in.	75c
Size 6 x 9 in.	50c
Size 9 x 12 in.	1.00
Size 7 x 7-in. Pkg. of 100 Sheets.....	.30
Size 8 x 8-in. Pkg. of 100 Sheets.....	1.00

100 Sheets per Package in Six Standard Colors,
viz.: R.O.Y.G.B.V.

No. 707—Size 4 x 4 in.	20c
No. 708—Size 5 x 5 in.	30c
No. 709—Size 6 x 6 in.	40c

HEAVY FOLDING PAPER**For Construction Work**

Per Pkg. of 100 Sheets, 6x6 inches.....	\$0.50
Per Pkg. of 100 Sheets, 7x7 inches.....	.60
Per Pkg. of 100 Sheets, 8x8 inches.....	.70

CUTTING PAPERS

Coated Papers for cutting differ from Folding Papers in that the coated papers are white on one side and colored on the other.

This allows them to be pasted on Colored Mounting Papers without having the paste absorb the colors.

Folding Papers are the same color on both sides.

In our Coated Papers also we supply only the best possible grades and the most perfect range of colors.

Prang Cutting Papers are without exception the best on the market.

Assorted Colors

Size 4 x 4-in. Pkg. of 100 Sheets.....	\$0.30
Size 5 x 5-in. Pkg. of 100 Sheets.....	.45
Size 6 x 6-in. Pkg. of 100 Sheets.....	.60
Size 6 x 9-in. Pkg. of 100 Sheets.....	.90
Size 7 x 7-in. Pkg. of 100 Sheets.....	.90
Size 8 x 8-in. Pkg. of 100 Sheets.....	1.00
Size 9 x 12-in. Pkg. of 100 Sheets.....	1.50

WHITE FOLDING PAPER

Per Pkg. of 100 Sheets, 4 x 4-in.	\$0.15
Per Pkg. of 100 Sheets, 5 x 5-in.	.20
Per Pkg. of 500 Sheets, Newsprint, 9x12-in.	\$1.00

BLACK FOLDING PAPER

Per Pkg. of 100 Sheets, 5 x 5-in.	.35
Per Pkg. of 50 Sheets, 6 x 9-in.	.50

GOLD AND SILVER PAPER

No. 860—100 Sheets, 4 x 4-in.	\$0.90
No. 861—100 Sheets, 5 x 5-in.	1.10
No. 862—20 x 24-in., per Sheet	.15

SILHOUETTE PAPER**(Black Coated)**

No. 830—100 Sheets, 5 x 5-in.	.40
No. 831—50 Sheets, 6 x 9-in.	.55
No. 832—20 x 24-in., per Sheet	.08

COLORED CONSTRUCTION PAPERS

We offer a very fine selection of tinted papers of extra strength, fine finish and the best of colors.

They are for use with water colors, crayons, pastels, charcoal, India ink and brush work, for mounting drawings, pictures, etc.

MOYER'S ASSORTED PACKAGE "A"

50 sheets of 20 assorted colors. This has been our most popular package for general school purposes.

Size 6 x 9 inches. Per Pkg.	\$0.40
Size 9 x 12 inches. Per Pkg.	.50
Size 12 x 18 inches. Per Pkg.	1.20

Construction Papers, Assortment No. B

Size 9 x 12 inches only.

50 Sheets Assorted Colors.
15 Sheets Bogus.
15 Sheets White Water Color.
10 Sheets Cream Manilla.
10 Sheets Grey Manilla.

Price, per Package \$1.00

PRIMARY ASSORTMENT**Drawing and Construction Papers**

Contains:—

20 Sheets Cream Manilla.
5 Sheets Gray Manilla.
1 Sheet Bogus Paper.
5 Sheets Colored Construction Paper.

Size 9 x 12 inches. Price, per Package..... .50c

GRAMMAR ASSORTMENT

Contains:—

20 Sheets Cream Manilla.
5 Sheets Gray Manilla.
10 Sheets White Drawing Paper.
6 Sheets Bogus Paper.
2 Sheets Cross Section Paper.
12 Sheets Colored Construction Paper.

Size 9 x 12 inches. Price, per Package..... .60

TRAIN THE BOY'S HAND AS WELL AS HIS MIND

EXERCISE BOOKS, NOTE BOOKS TABLETS

"**MERCHANTS BOND**" Writing Tablet. High Grade Paper and Cover.

Letter Size—8x10¼ inches.....	\$0.40
Note Size—5x8 inches.....	.20
Letter Size	.25
Note Size	.15

EXAMINATION TABLET

"The Judicial"—No. 171.

The biggest value ever offered. Foolscap Paper. Ruled with margin Bristol Cover with Blotter.

Each	\$0.40
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DUPLICATE WRITING TABLETS

Letter Sheets, perforated, Copy Sheets fastened. Complete with Carbon Paper.

Each	\$0.75
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MOYER'S "BIG VALUE" WORK BOOKS AND SCRIBBLERS

Ruled or Plain for Pencil or Pen and Ink. Good Paper and lots of it.

Each, 5c; per dozen, 60; per 100.....	\$4.50
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EXERCISE BOOKS

SPECIAL LARGE

Each	10c	Dozen	\$1 20
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SCRIBBLING PAPER

1 Ream—Cut 9x12 inches.....	\$1.00
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MANUAL ART TABLETS



This is a new and practical series of tablets correlating work in coloring, drawing, cutting, folding, construction, booklet-making, word and sentence building, and reading—a successful attempt to correlate work in the Primary grades. Each tablet is a combination Picture and Word Tablet, each complete in itself.

Two Tablets, each 9 x 12 inches. Enough material for a year's busy work.

Nos. 2 and 3—Each, Postage extra.....	\$0.60
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REGISTRATION

To insure safe delivery of mail packages, we would ask our customers to allow 10 cents extra in remittances to cover cost of registration in addition to postage charges.

BLOTTING PAPER

Pkg. of 100 Sheets, 4x9½ inches.....	\$0.65
Pkg. of 12 Sheets, 4x9½ inches.....	.10
Large Sheets, each.....	.10

MOUNTING AND CARD BOARD

White Cardboard—22x28-in. Per sheet.....	.20
Colored Cardboard—Assorted Colors, 22x28 inches Per Sheet.....	.20
Colored Mounting Board—Pebbled, D.T. 22x28-in. Per Sheet.....	.20
Suit Case Cardboard—per sheet.....	.07
(Not suitable for mailing.)	

PRANG MOUNTING BOOK

For preserving examples of drawing, mounting, etc. Size 10x13 inches, 28 pages of colored Construction Paper.

Price each	.30
Per Dozen	3.25

PORTFOLIOS

For holding or carrying drawings, flat papers, Exam papers, etc.

Cardboard Portfolio—11x13-in.....	\$1.15
Paper Portfolio—10½x14½-in.	.30
Kraft Envelopes—9x12 inches, per doz.....	.25

EXAMINATION PAPER

We have a very special weight of Examination Paper, much superior to ordinary Exam. Cap. It is put up in Reams of 1000 Single Sheets Exam. Cap. or 500 Double Sheets of Foolscap.

Prices:—

1 Ream (1000 single sheets) Exam Cap.....	\$4.25
½ Ream (500 single sheets) Exam. Cap.....	2.25
1 Quire (48 Single Sheets) Exam. Cap.	.25
1 Ream (double sheets) Foolscap, Ruled	
2 sides	4.25
½ Ream Foolscap as above	2.25
1 Quire Foolscap as above	.25

PRANG LONG LEAF PINE NEEDLES

The high cost of reed, raffia and other weaving materials has brought this material to public attention.

For many years art workers in the South have been using these lustrous brown Pine Needles for making articles both useful and beautiful, such as baskets, vases, arm bags, trays, table mats, etc. They are very serviceable owing to the fact that they can be washed.

A dollar's worth of Pine Needles will make articles that would sell readily at \$5.00 to \$10.00.

Pine Needles are put up in pound and half pound packages.

Per Pound Bundle	\$1.50
Per Half Pound Bundle	.80

WE SELL FROM COAST TO COAST

RAFFIA FRAMES

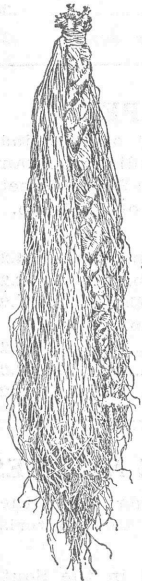
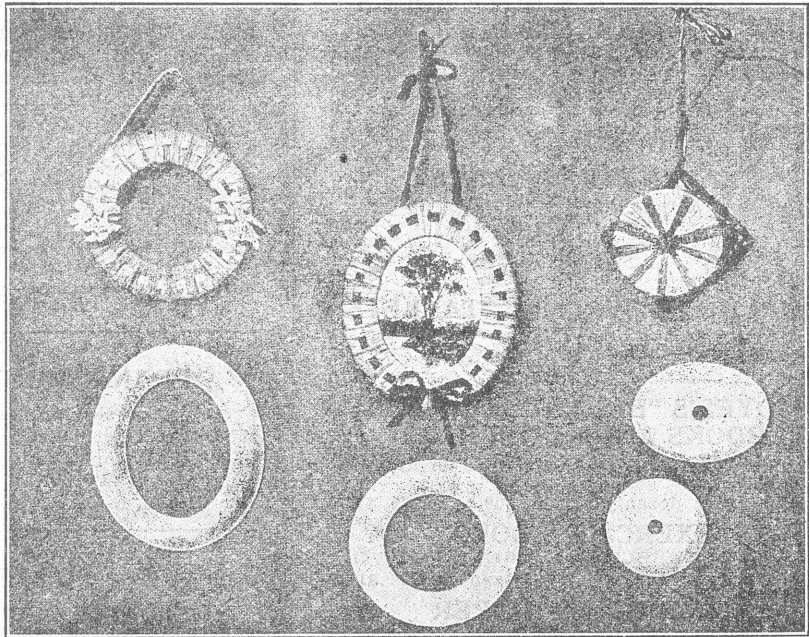
ROUND AND OVAL

For use in simple raffia weaving.

Each frame consists of two parts, made of heavy cardboard as shown in cut. The smaller can be used for basket foundations, mats, etc., and the larger for picture frames. A very useful busy work device for first grade pupils.

Price (including the two parts)

Per doz. 35c



RAFFIA

NATURAL RAFFIA—

Per lb.40

COLORS RAFFIA—

Per ¼ lb.40

Per ½ lb.75

Per 1 lb. 1.45

BOOKS FOR TEACHERS

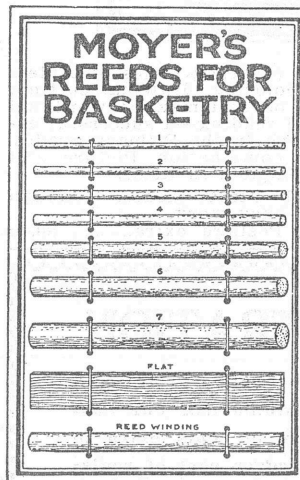
Raffia Work—Swannell	\$1.40
Raffia and Reed Weaving—Knapp.....	1.25
Coiled Basketry—Swanell	1.50
Practical and Artistic Basketry	1.75
Practical Basket Making—James	2.00
How to Make Baskets—White	1.60

RAFFIA NEEDLES

NEEDLES WITH BLUNT POINTS AND LARGE EYES

Per Pkg., Sizes 19-24 20c

PRIME ROUND REEDS



We are again able to supply Prime Round Reed, best quality in five sizes at following prices:

Per Pound.

No. 2 Medium
Fine\$2.25

No. 3 Medium 2.00

No. 4 Medium
Coarse 1.75

No. 5 Coarse. 1.50

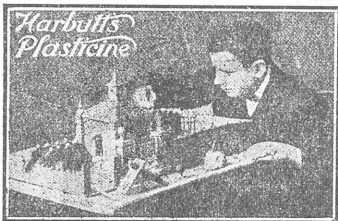
No. 6 Coarser 1.25

Express Charges
Extra

NOTE—The Reeds illustrated above are approximately only two thirds the actual diameter.

WE CARRY LARGEST STOCK OF SCHOOL SUPPLIES IN CANADA

HARBUTT'S PLASTICINE



Harbutt's Plasticine is a modelling paste possessing all the advantages both of clay and the expensive wax of the artist—minus the disadvantages of either.

Its uses in Kindergarten and Primary work are innumerable.

It does not droop, dry or shrink and is unaffected by heat, cold or water.

Public Analysts and Medical Men report that "Plasticine" is composed of perfectly harmless material, highly anti-septic in its tendencies, therefore invaluable for School work.

It is stocked in five popular colors: Grey, Red, Blue, Green and Yellow.

Price, per pound package\$.50
12 lbs. Assorted 5.25

BOOKS ON PLASTICINE

Easy Modelling—Per Copy\$0.50
Plastic Methods for Plastic Minds..... .60
Harbutt's Plastic Method—Per Copy..... 1.75
Geographical Modelling—Per Copy..... .25

BATIK OUTFIT

WHAT IS BATIK?

The word "Batik" is Javanese and means "to paint" or "to design."

The natives of Java for 2,000 years have practiced this combination Art of painting and dyeing which they have developed into one of the most beautiful of the Oriental Arts.

The term "Batik" is now used to indicate silk or other goods upon which designs have been painted or traced with molten wax.

"Batik" or Pattern Dyeing is becoming exceedingly popular and exquisite work can be produced in dress goods, scarfs, table covers, bags, hat bands, curtains, evening gowns, handkerchiefs and many other articles. Use white China Silk, Chiffon, Crepe de Chine or other light weight goods, without much sizing.

"Batik" presents an entirely new and fascinating series of Industrial Art problems whether for the Public Schools, High Schools, Normal Schools, Art Schools or for individual workers. It is rapidly becoming one of the fashionable fads of the day.

The Prang "Batik Outfit" contains the following articles which provide everything necessary for producing the work. The Outfit is packed in an attractive wooden box.

8 bottles of "Bateeko Dyes," 1 each of Red, Yellow, Blue, Orange, Green, Brown, Purple, and Black.

2 oz. cake of "Bateeko Wax."

8 Color Pans. 1 No. 4 Bristle Brush
1 No. 1 Sable Brush. 1 No. 7 Bristle Brush

Accompanying each Outfit is a patented knock-down frame, 18x18 inches, for stretching the goods while dyeing. Price, complete, with directions for using.....\$7.50

PRICES OF SUPPLIES

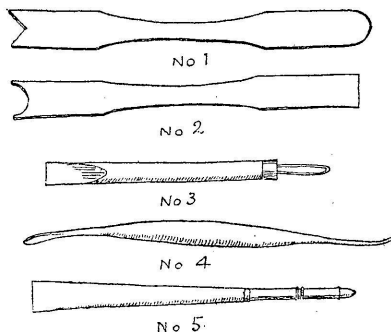
Batik Frame, small size, 18x18 inches.....\$1.50
Batik Frame, large size, 36x36 inches..... 2.25
"Bateeko Dyes", 2 oz. bottles, Yellow, Red, Blue, Orange, Green, Purple, Brown and Black. Per Bottle60
"Bateeko Wax," per cake of ½-lb..... .65
Color Pans, per dozen50

PRANG "CLAY MODELLING FLOUR"

Water Clay for modelling purposes is so heavy and perishable that we are offering the same substance put up as a "Clay Flour". As it requires nothing but the addition of water to make it ready for use, it can be quickly prepared.

Price, per 2 lbs. 25c

MODELLING TOOLS



THE TOOLS. HARBUTT'S PLASTIC METHOD.

Box Wood Tools—Set of 5.....\$1.25

All Round Modelling Tools—Per doz. 2.00

Grease-Proof Modelling Boards—

Size 9 x 12. Per doz. 1.00

Size 6 x 9. Per doz.50

Plasticine Knives—Per doz. 2.00

PRANG "ENAMELAC"

This is an air-drying enamel paint for use on metal, papier-mache, wood, glass, etc. It dries overnight, is waterproof, ready for use and durable.

Teachers will find "Enamelac" invaluable for use in decorating tin boxes, tin cases, trays, wooden objects.

Supplied in the following colors:

Ultramarine
New Blue
Cobalt Blue
Emerald Green
Olive Green
Hooker's Green, No. 1
Chrome Orange
Chrome Yellow
Carmine
Burnt Sienna
Neutral Gray
Dark Gray
Light Gray
White
Black



Per can, ready for use\$0.40

Gold and Silver, per can75

ENAMELAC BRUSH

A Special Brush, 4½ inches long, with ¾ inch edge, and short handle, especially designed for applying Enamelac.

Each\$0.25

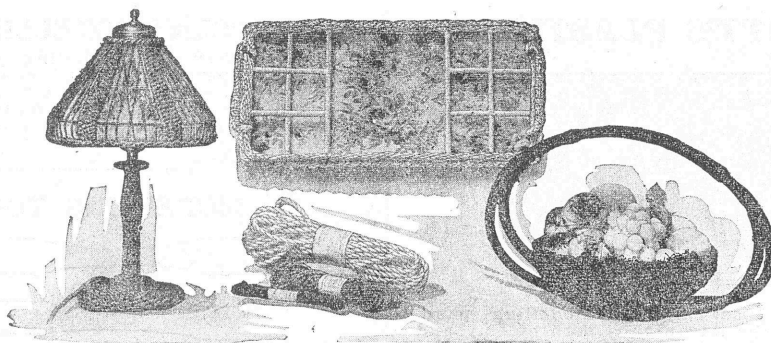
PRANG ENAMELAC OUTFITS



The complete outfit consists of 6 Tins Enamelac, 1 Can Shellac, 1 Can Turpentine, 3 Brushes, 1 Palette, etc., in wooden box.

Price, complete\$4.00

PLASTICINE ACCORDS AN EASY AND FASCINATING EXERCISE



CREPE PAPER ROPE

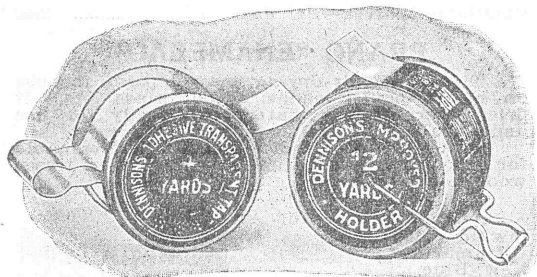
This material is ideal for weaving and hand craft work. It provides work that is not only most fascinating but is at the same time very useful, as the articles made from it can readily be sold for home decoration.

Crepe Paper Rope is put up in hanks 36 ft. long and in 3 thicknesses: $\frac{1}{4}$ inch, $\frac{1}{8}$ inch, and $\frac{1}{16}$ inch in diameter.

Can be supplied in Red, Green, Brown, Yellow, Black, Grey, White and Violet.

Per Hank— $\frac{1}{16}$ inch	\$0.20
$\frac{1}{8}$ inch	30
$\frac{1}{4}$ inch	50

TRANSPARENT ADHESIVE TAPE



Gummed Paper for mending torn papers of any kind in books, music, etc.

Per Roll	\$0.10
3 Rolls for	25

CLOTH MENDING TAPE



A very strong tape for mending Books and Fabrics, etc. Large rolls.
No. 3, White; No. 4, Black.

Per Roll	\$0.50
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COVERED WIRE

For use with Crepe Paper Rope, Green cotton covered wire, 36 inches long for shaping baskets, trays, vases, etc.

Heavy Wire—Per Doz.\$0.30

Light Wire—For smaller spokes and ribs.

Per Doz.20

Covered Wire for Binding—Soft and Pliable, wound on spools. Per spool10

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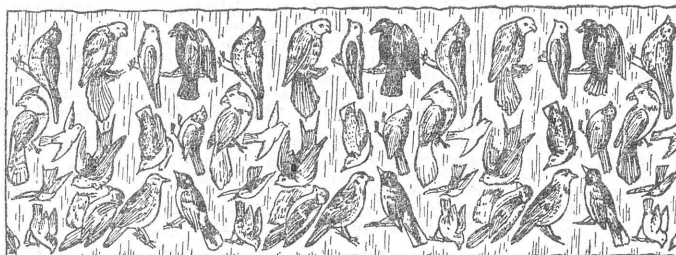
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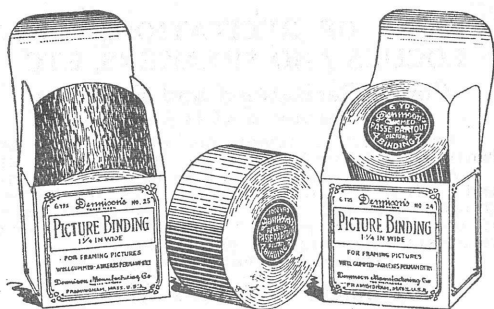
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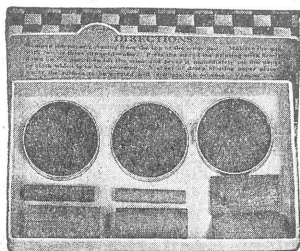


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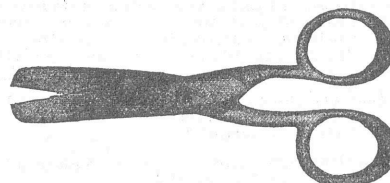
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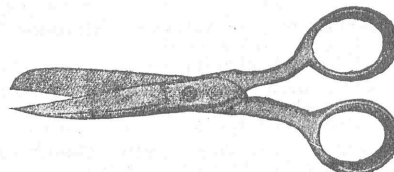
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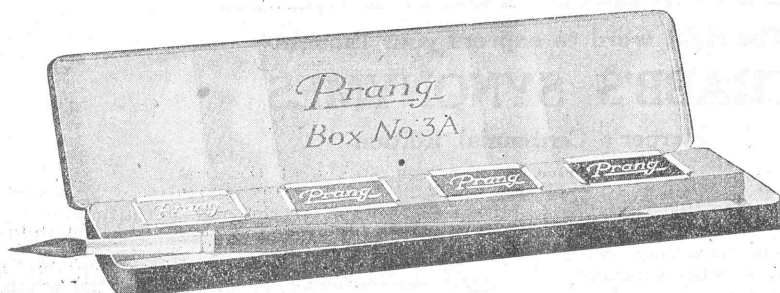
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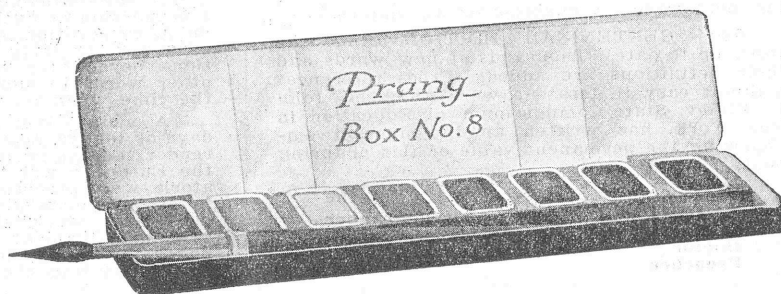
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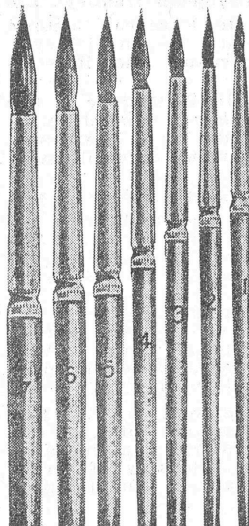
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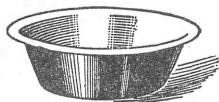
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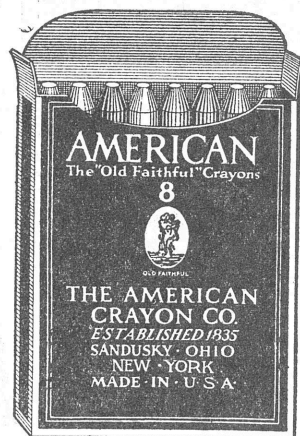
Crayons and Pastels have no equal for excellence in color or durability. The colors are perfect and the packages are specially prepared for school use.

These crayons have been awarded the highest honors at the largest exhibitions in the world.

"Old Faithful" Crayons No. 8

Eight Pastels in cardboard box. This is the ordinary school box.

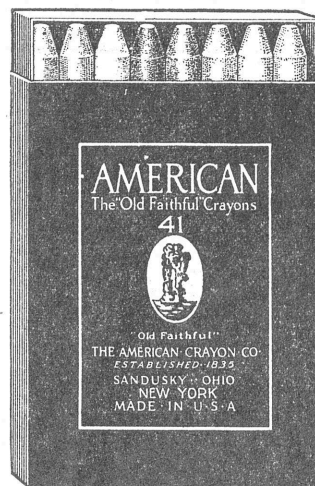
Per Box\$0.15
Per Doz. 1.50
Per Gross Crayons, one color 2.60



"Old Faithful" Pastel No. 41

Eight Colors (larger than No. 8), in strong lift up covered box.

Per Box....\$0.35
Per Doz.... 4.00
Per Gross Crayons, one color 2.75



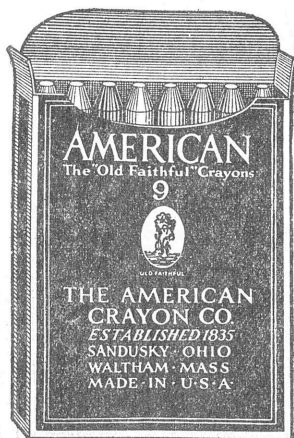
"Old Faithful" Pastel No. 1047

24 Colors Good School Pastels in Cardboard Box. Big Value.

Per Box\$0.35
Per Doz. 4.00



BETTER VALUE—GREATER VARIETY



"Crayograph" No. 9

A pressed crayon in which the fixative is mixed with the ingredients. Work done with these crayons does not need "fixing."

Eight colors in cardboard box.

Per Box\$0.15

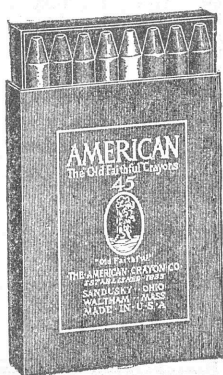
Per Doz. 1.50

"CRAYOGRAPH" No. 45

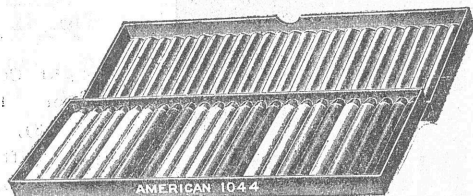
8 Colors. Another "Fixed" Crayon. Larger sticks than No. 9. Put up in an attractive, heavy cardboard box.

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Per Doz. 2.80



"Old Faithful" Pastel No. 1044



24 Colors Pastels of finest quality. For High School Students, Teachers and Professional Artists. In Patent Box to protect individual crayons.

Per Box\$0.50

Per Doz. 5.75

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The Best Wax Crayons on the market. Adopted by more schools than any other crayon. Eight colors of exceptional quality.

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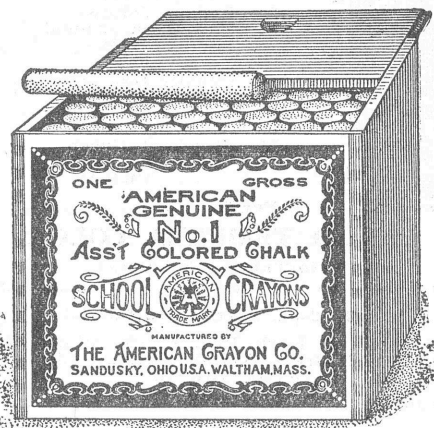


COLORED CHALK CRAYONS For Blackboard and Lecturers' Use. "Excello" Squares No. 910

A great favorite among teachers for lecturing and blackboard work.

This box contains 8 sticks of lecturers' crayons $\frac{1}{2}$ x3-in., including the following colors: ultramarine, orange, violet, yellow, green, umber and black.

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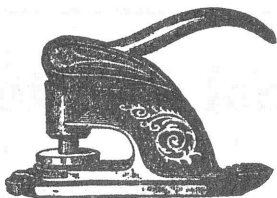
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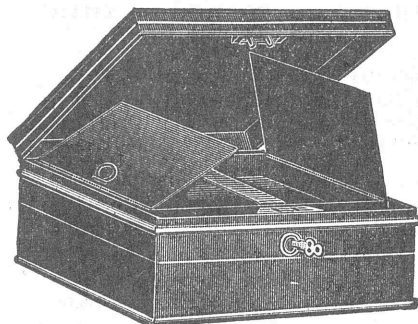
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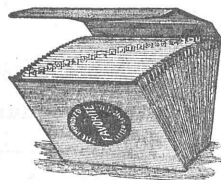
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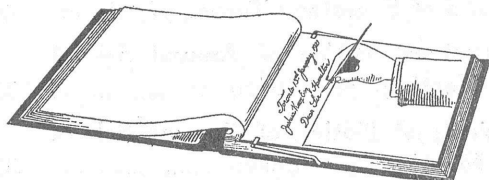
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Parents (or guardians) are requested to inspect the monthly reports carefully, sign and have them returned at once.

Superintendent

MONTHLY REPORT

Of
Grade School
For the Month of

Teacher		Teacher	
SUBJECT	GRADING	SUBJECT	GRADING
Reading		Drawing	
Literature		Handwork	
Composition		Writing	
Grammar		Music	
Spelling		Hygiene	
History			
Geography		Times absent	
Nature Study and Agriculture		Times late	
Arithmetic		Standing in class	
Geometry		Number in class	
Algebra		Conduct	

REMARKS:

Parent or Guardian

Forms for School Trustees

Deed of School Site, in duplicate.....	\$.40
Teacher's Agreement with Trustees, per dozen	.45
Trustees' Requisition for School Moneys on Account, per dozen.....	.35
Bond of Secretary-Treas., per dozen	.40
Trustees' Notice of Annual School Meeting, per dozen	.35
Trustees' Notice of Special School Meeting, per dozen	.35
Directions for Conducting School Meetings, each	.25
Secretary's Annual Notice to Town- ship Clerk, per dozen	.35
Notice of Exemption of Indigent to Township Clerk, per dozen	.35
Trustees' Promissory Notes per doz.	.35
Trustees' Order on Treasurer, in books of 100	1.00
Separate School Supporters' Notice to Clerk, per dozen	.35
Board of Education Order on Treas- urer, in books of 100	1.00

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Notice to Parent or Guardian of Neglect to Educate Child, per doz.	.35
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PUBLIC HEALTH ACT

Teacher's Notice of Infectious Dis- eases (form required to be sup- plied by school authorities) per dozen	.35
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Assessment Notices, per 100.....	\$.75
Assessment Roll Paper—	
Per Sheet	.15
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School Rate Collector's Roll Paper—	
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The Swan Self-Filling Fount Pen is fitted with the genuine Mable Todd Gold Pens pointed with Osmi-iridium and will last a lifetime with ordinary care. The Self-filling feature is simple and allows the pen to be filled with a flip of the finger. Points are made to suit every style of hand writing and we guarantee satisfaction.

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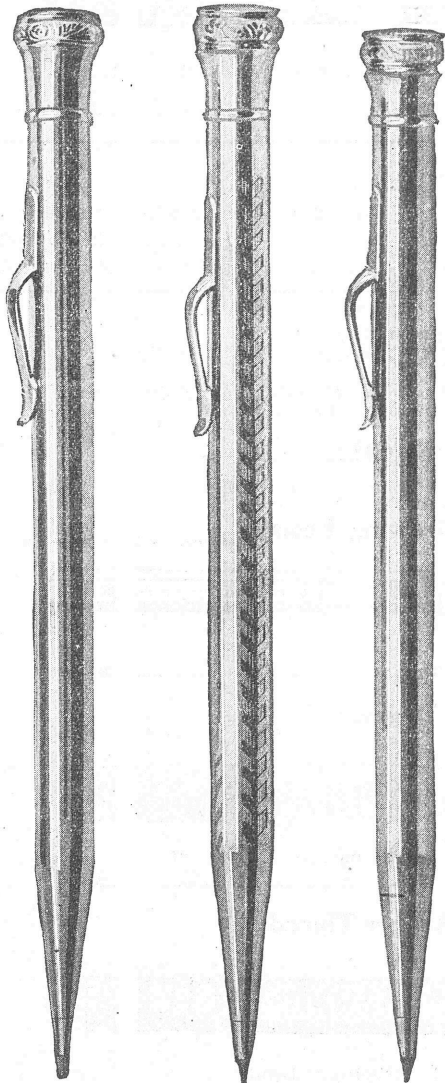
Eversharp No. 20, made in plain silver plate, is an ideal pencil for the student and the office worker.

Eversharp No. 31 is beautifully finished in chased triple silver plate. One of our most popular sellers.

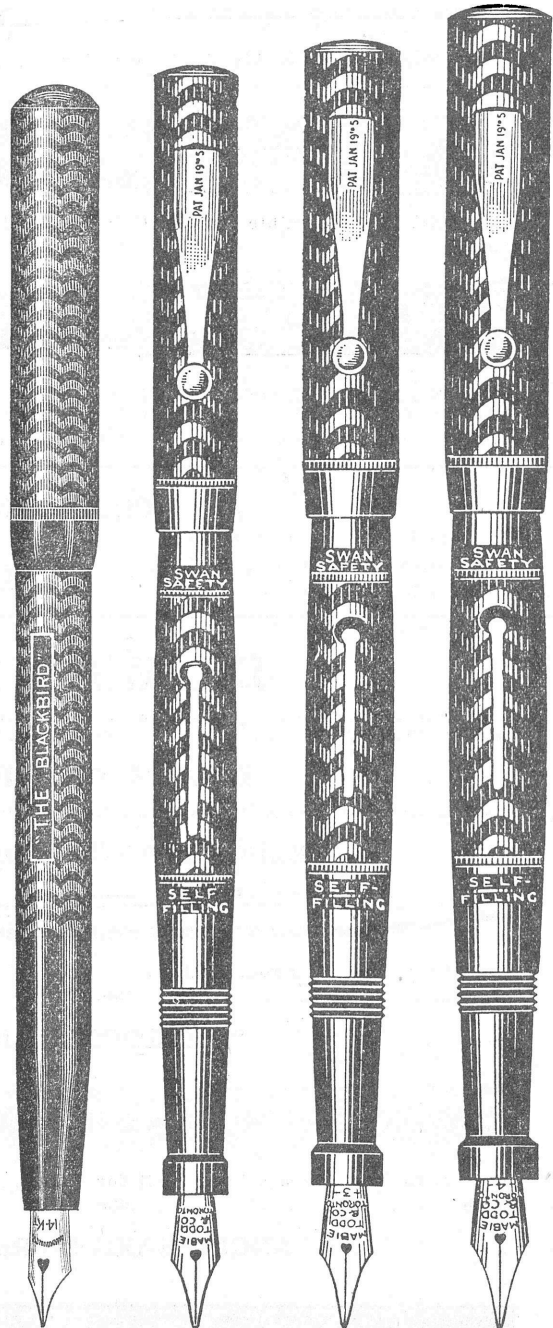
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\$3.25

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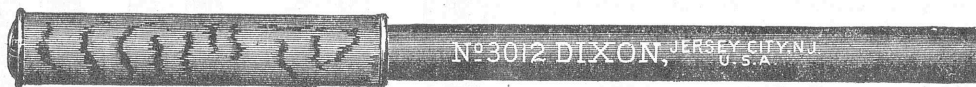
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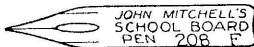
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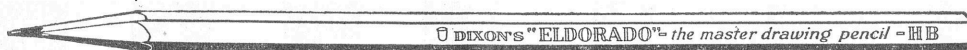
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Without exception the best all round School Pencil on the market.

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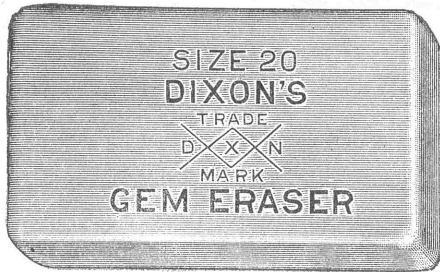
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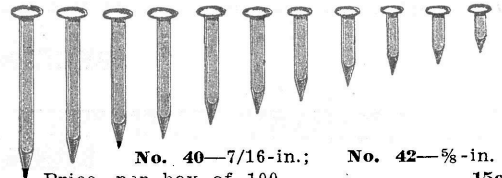
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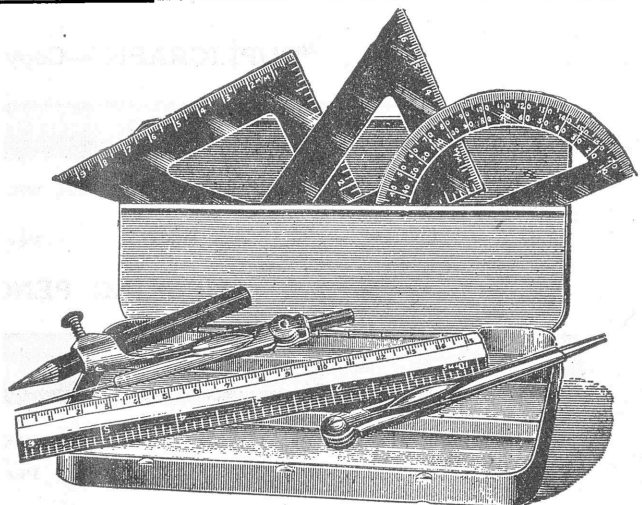
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INDEX

A

	Page
Absolute Fire Extinguisher.....	35
Adhesive Tape	72
Adjustable Desks.....9, 10, 12, 13	
Alphabet Copy Slips	55
Animal Life Studies	23
Art Material	62, 78, 79, 80
Art Text Books (Industrial).....	62
Atlas (Nelson's Royal)	36

B

Baby Swings	43
Bartlett Dictionary Holder.....	36
Baskets for Waste Paper.....	40
Batik Outfit	71
Beads for Stringing	57
Bells	38
Better Speech Series Drill Cards	60
Bird Charts	28
Birds to Color	54
Blackbird Fountain Pen.....	83
Blackboard Chalk	21
Blackboard Compasses	22
Blackboard Easel	22
Blackboard Erasers	21
Blackboard Geometry Set	22
Blackboard Liners	22
Blackboard Maps	29
Blackboard Mouldings	19
Blackboard Outline Maps	29
Blackboard Pointer	22
Blackboard Slating	22
Blackboard Slating Brushes.....	22
Blackboard Stencils	66, 67
Blackboards, Framed	19, 20
Blackboards, Hyloplate	19
Blackboards, Roll Black- boards	20
Blackboards, Slate	20
Blackboards, Slated Cloth	20
Blackboards, Toy	20
Blank Drawing Books.....	86
Blinds (Window)	34
Blotters for Desks	86
Blotting Paper	69
Book Cases	18
Books, Entertainment	74
Books (Every Teacher Should Have)	75
Books (Juvenile)	75
Books (Recitation)	74
Books (Dialogue)	74
Books (Speaker)	74
Books for Plasticine.....	71
Books with Primary Helps.....	74
Books for Raffia and Reeds.....	70
Books, Supplementary.....75, 76, 77	
Book Synonyms	77
Booklet Covers to Color.....	55
Border Stencils for Black- board	67
British Columbia Map	26
British Sewing Cards	51
Brooms, (hair)	38
Brushes for Liquid Slating.....	22
Brushes, Water Color	78
Builders, Number	58, 59
Builders, Sentence	59
Builders, Table	56
Builders, Word	58-59
Busses (School Vans).....	44-45
Busy Work Stencils	63

C

	Page
Calendars to Color	54
Calendars of Flowers to Color ..	55
Call Bells	38
Canada Maps	26
Canadian Sewing Cards.....	50
Canada's Song Book	73
Carbon Copy Letter Book.....	81
Carbon Paper	81
Card Holders	73
Card and Paper Cutters.....	65
Cardboard	69
Cardboard Objects	73
Cases (Map)	24-25
Cash Book	81
Celestial Globes	30
Chairs, Folding	16-17
Chairs, Kindergarten	17
Chairs, Teachers	16
Chair Desks	9, 10
Outside Back Cover	
Chalk	21, 80
Charcoal, French	62
Charcoal Paper	62
Chart, Bird	28
Chart, Makers	62
Chart, Music	21
Chart, Nature Study	23
Chemical & Physical Appara- tus and Supplies	32
Chemical Toilets	48-49
Chicago Pencil Sharpener	34
Children of other Nations Drawings to Color	54
Children & Their Pets Draw- ings to Color	54
Church Heaters	46-47
Circles (Gummed)	63
Classical Maps (Kampens).....	25
Clean Air Heating and Ventil- ating System	46-47
Clay Modelling Flour	71
Clocks	39
Cloth Blackboards	20
Cloth Mending Tape.....	72
Colored Beads for Stringing.....	57
Colored Chalk	21, 80
Colored Laces for Stringing.....	59
Colored Pegs	56
Colored Stars	73
Colored Sticks	56
Colored Zone Lunar Tellurian ..	31
Combination Number and Word Cards	59
Community Hall Equipment— Bells	38
Chemical Toilets.....	48-49
Furnaces	46-47
Furniture 9, 10, 12, 13, 14, 15 16, 17, 18. Back Cover.	
Compasses (Blackboard)	22
Concise Imperial Dictionary.....	36
Construction Paper.....	62, 68
Covered Wire	73
Crayons	21, 79, 80
Cream Manilla Drawing Paper ..	62
Crepe Paper Rope	72
Crepe Tissue Paper.....	72
Cross Section Paper	62
Cube Root Blocks	40
Cubical Counting Blocks.....	56
Cutting Paper	68

D

	Page
Daisy Chains	53
Decorated Crepe Paper.....	72
De Luxe Scales	41
Dennison's Paste	37
Dennison's Glue	37
Dennison's Mucilage	37
Desk Bells	38
Desk Map Stencils	67
Desk Outline Maps	29
Desks, Pupils	9, 10, 11, 12
13 and Back Cover.	
Desks, Teachers	14, 15
Desk Pads	86
Dictionaries	36
Dictionary Holders	36
Document Box	81
Domino Cards	63
Dominion Ensign Flag	39
Door Mats	38
Dotts (Gummed)	63
Double Wire Baskets	40
Drawing Books (Graphic)	62
Drawing Models	33
Drawing Paper	62, 68
Drawing Pads	86
Drawing Pencils	84-85
Drawings to Color— Children of other Nations.....	54
Children and their Pets.....	54
Birds to Color.....	54
Flags of the Allies.....	54
Calendars	54-55
Holiday Designs	55
Booklet Covers to Color.....	55
Drills and Marches.....	74
Drinking Water Containers.....	37
Dry Paste	37
Dry Measures	34
Duplicate Writing Tablets.....	69
Dyes for Stick Printing Out- fits	73

E

Easel	22
Easel Blackboards	19
Embroidery Sewing Cards.....	51
Enamelac	71
Enamelac Outfits	71
Enamelac Brushes	71
Encyclopaedia	76
English Sewing Cards	51
Entertainment Books	74
Erasers (Blackboard)	21
Erasers, Cleaners	39
Erasers, Rubber	86
Evershap Pencils	83
Examinations Cap Paper.....	69
Examination Tablets	69
Exercise Books	69
Exercise in Oral Speech.....	60

F

Files	81
First Aid Kits	40-41
Fire Extinguisher	35
Fixatif	62
Flying Rings	42
Flags	39
Flag Map	29
Flags of the Allies to Color.....	54

INDEX—Continued

F—Continued

	Page
Folding Chairs	16
Framed Blackboards	20
Forms for School Trustees.....	82
Fountain Pens	83
Folding Paper	68
Form Cards	59
Foolscap Paper	68
French Charcoal	62
Fronts Pupils Desks	11
Furnaces	46-47

Furniture—

Book Cases	18
Chair Desks	9, 10
Outside Back Cover	
Folding Chairs	16, 17
Double Desks	11
Harvard Adjustable Desks	13
Kindergarten Chairs	17
Kindergarten Tables	17
Manual Training Benches.....	17
Map Cases	24, 25
Recitation Seats	12
Sand Tables	65
Single Adjustable Desks	12
Single Desks	11
Teacher's Chairs	16
Teachers Desks	14, 15
Teachers Tables	15

G

Geometrical Solids (Drawing Models)	33
Geometry Blackboard Set	22
Geometrical Instruments	22
Geometrical Sets, Students.....	86
Giant Strides	43
Girls of Miss Clevelands.....	75
Gifts, Kindergarten.....	63-64-65
Globes	30, 31
Glue, Dennison's	37
Gold and Silver Paper.....	68
"Good" Merit Cards	57
Graphic Drawing Books	62
Grey Manila Drawing Paper.....	62
Gummed Circles	63
Gummed Dots	63

H

Hand Numeral Frames.....	40
Hanging Globes	31
Harvard Adjustable Desks and Chairs	13
Heaters	46-47
Heating and Ventilating System	46-47
High Stand Dictionary Holder	36
High Stand Globe.....	31
High Stand Numeral Frame.....	49
Highroads of Geography.....	76
Highroads of Literature.....	76
Highroads of History	77
Holden Drill Cards.....	61
Holiday Crepe Tissue.....	72
Holiday Designs to Color.....	55
Horizontal Bars	42
Huck Finn	75
Hyoplate Blackboard	19
Hyoplate Moulding	19

I

Index.....	87-88, Inside Back Cover
Indelible Pencils	81
India Ink	79
Industrial Art Text Books.....	62
Ink Erasers	86
Ink Tablets	37
Insect Life Studies	23
International Dictionary	36
Ink Wells	35

J

Jointed Animals	57
-----------------------	----

K

Kibbe Number Drill Cards.....	59
Kindergarten Chairs	17
Kindergarten Scissors	73
Kindergarten Supplies, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73.	
Kindergarten Tables	17
King George and Queen Mary Pictures	33

L

Laboratory Apparatus and Supplies	32
Laces for Stringing.....	57
Language Cards	60
Large Drawing Models	33
Large Type Letter Cards.....	58
Lead Pencils	83-84-85
Letter Book	81
Letter Cards	58
Letter Tablet	81
Lever Seals	81
Linear Measures	34
Liners (Blackboard)	22
Liquid Measures	34
Liquid Tempera Colors.....	79
Liquid Slating Brushes	22

M

Manual Art Tablets.....	69
Manual Training Benches	17
Manual Training Tools	17
Map Drawing Books	86
Maps, Africa	24, 25, 27, 29
Alberta	24
Ancient Gaul	25
Ancient Greece	25
Ancient Italy	25
Asia	24, 25, 27, 29
Australia	24, 25, 27, 29
British Columbia	26
British Empire	26
British Isles	24, 25, 27, 29
Canada	26
Eastern Hemisphere.....	24, 29
England	25, 27
Europe	24, 25, 27, 29
Flag Maps	29
Hemisphere World	25, 26
India	25
Ireland	25, 27
Manitoba	24
Mercator World	25, 29

M—Continued

	Page
Maps Continued.	
North America	24, 25, 27, 29
Palestine	25, 29
Quebec	26
Roman Empire	25
Saskatchewan	24
Scotland	25, 27
South America	24, 25, 27, 29
United States	24, 25, 29
Western Hemisphere.....	24, 29
Blackboard Outline	29
Desk Outline Maps	29
Empire Series	24
Kampen's Classical Map.....	25
Model Relief Maps	28
Philips Physical Series	27
Philips Political Series	25
Maritime Provinces	26
Ontario	26
Desk Outline	29
Map Cases	24-25
Mats, (Steel Door)	38
Mats for Weaving.....	52-53
Measures, Linear	34
Measures Liquid	34
Measures Dry	34
Measures, Square and Cubic.....	34
Merit Cards	57
Metric Ruler	22
Minute Books	81
Models	33
Modelling Boards	71
Modelling Tools	71
Monthly Report Booklets.....	82
Moist Water Colors	79
Model Relief Maps	28
Mother Goose Silhouettes.....	57
Moulding for Blackboard	19
Mending Tape (Cloth)	72
Mounting Board	69
Mounting Book	69
Moyer's Clean Air System Heating and Ventilating.....	46-47
Moyer's Chart Makers.....	62
Moyer's Chair Desks	9, 10
Outside Back Cover	
Moyer's First Aid Kits.....	41
Moyers Steel Play-ground Equipment	42-43
Mucilage	37
Music Charts	21

N

Nature Study Charts.....	23
Needles, Raffia	50, 70
Needles, Sewing Card	50
Nelson's Royal Atlas.....	36
Number Builders	58-59
Number Cards	58-59
Numeral Frames	40
Nurses' Supplies	40-41

O

Oak Tag Paper.....	62
Oilcloth Weaving Mats.....	53
Oil Dyes	79
"On Time" Merit Cards.....	57
Order Forms.....	3, 4, 5, 6, 7, 8
Outline Maps, Blackboard.....	29
Outline Maps, Desk.....	29

INDEX—Continued

P	Page
Paper Cutters	65
Paper Fasteners	86
Paper for Cutting, Folding and Construction	68-69
Paper Rope for Basket mak- ing	72
Paper Strips for Lacing	53
Paper Towels	35
Paper Weaving Mats	52-53
Parquetry Blocks	56
Pastels	79-80
Paste Powder	37
Patriotic Sewing Cards	50
Pegs	56
Peg Boards	56
Pencils	83-84-85
Pencil Sharpeners	34
Pens	81, 83, 84
Parquetry Papers	65
Pen Nibs	84
Pen Points	81
"Perfect" Merit Cards	57
Perforating Needles	50
Phonic Drill Cards	58
Phonic Word Builders	58
Physical School Wall Maps 27, 28	
Picture Binding	73
Pictures(King and Queen)	33
Picture Cards	59
Pine Needles	69
Plain Sticks	56
Plans for Teachers	75
Plant Life Studies	23
Plasticine	71
Plasticine Books	71
Playground Equipment	42-43
Plasticine Knives	71
Playground Slides	43
Plays	74
Pointers	22
Political School Wall Maps,	24, 25, 26-29
Portfolios	69
Practice Drawing Paper	62
Prang Weaving Papers	53
Pricked Sewing Cards	50-51
Prime Round Reeds	70
Printing Outfits	62
Protractor for Blackboard	22
Protractors, Students	86
Punched Sewing Cards	50-51
Pupils' Desks	9, 10, 11, 12, 13
Outside Back Cover	
Pyrene Fire Extinguisher	35

Q	Page
Queen Mary Picture	33

R	Page
Raffia	70
Raffia Books	70
Raffia Frames	70
Raffia Needles	78
Rainy Day Silhouette Designs, 57	
Rapid Blackboard Liner	22
Rattan	70
Rear Pupils Desks	11
Recitation Seats	12
Recitation Seats with Tablet	
Arms	12
Reeds	70
Reed's Cardboard Objects	73
Refills for Water Color Boxes, 78	
Regulation Strap	38
Reliance Ink Pellets	37
Relief Maps	28
Report Booklets	82
Reversible Blackboards	19
Ricene Tracing Paper	62
Roll Blackboards	20
Royal Atlas (Nelson's)	36
Rubber Erasers	86
Rubber Stamp	81

S	Page
Safety First Aid Kits	41
Sand Tables	65
Sanitary Chemical Toilets	48-49
Sanitary Paper Towels	35
Sanitary Paper Towel Hold- ers	35
Sanitary Bubbler Fountains	37
Scales	34, 41
School Bells	38
School Blackboards	19, 20
School Clocks	39
School Desk Ink Wells	35
School Flag	39
School Furnaces	46-47
School Furniture—	
Bookcases	18
Double Desks	11
Harvard Adjustable Desks	13
Folding Chairs	16, 17
Kindergarten Chairs	17
Kindergarten Tables	17
Manual Training Benches, 17	
Map Cases	24, 25
Moyer's Chair Desks	9-10
Outside Back Cover	
Recitation Seats	12
Sand Tables	65
Single Adjustable Desks	12
Single Desks	11
Teachers' Chairs	16
Teachers' Desks	14, 15
Teachers' Tables	15
School Mats	38
School Vans	44-45
Scientific Apparatus and Sup- plies	32
Scissors	73
Scribblers	69
Scribbling Paper	69
Seals, Rubber and Lever	81
Sectional Bookcases	18
Sectional Animals and Birds	60
Secretary-Treasurer's Supplies	
.....	81-82
Self Proving Problem Cards	61
Sentence Builders	59
Sets of Drawing Models	33
Sets of Weights and Measures	34
Sewing Card Silkine	50
Sewing Cards	50-51
Sewing Card Needles	50
Sewing Card Perforators	50
Shades, Window Blinds	34
Sharpeners for Pencils	34
Shoe Laces for Stringing	
Beads	57
Signature Stamps	81
Silkine	50
Silhouette Designs—	
Mother Goose	57
Rainy Day	57
Silhouette Designs	57
Silhouette Paper	68
Simple Studies in Synonyms	61
Simplex Ink Tablets	57
Single Desks	11
Sketch Blocks	62
Slats for Weaving	53
Slated Blackboard Cloth	20
Slated Globes	30
Slated Cloth Blackboard	20
Slate Blackboard	20
Slating for Blackboard	22
Slide Ink Wells	35
Small Drawing Models	33
Smith's Sanitary Bubbler	
Fountain	37
Song Books	73
Spellit	56
Spring Roller Map Board	27
Square and Cubic Measure	
Sets	34
Staff Liners for Blackboard	22
Stamping Powder and Com- pound	62
Standard Imperial Dictionary, 36	
Stands for Blackboard etc.	22
Star Seals	73
Steel Door Mats	38
Stencil Board	62
Stencils, Blackboard	66-67

	Page
Stencil Busy Work	63
Stick Printing Dyes	73
Stick Printing Sets	73
Sticks for Stick Laying	56-65
Stixit	37
Story and Seat Work.....	55
Straps	38
Straight Edge	22
Straws and Paper for String- ing	53
Stringing Paper	53
Swan Fountain Pens	83
Sweeping Brooms	38
Sweeping Powder	38
Swings	42
Synonymes	77

T	Page
Table, Kindergarten	17
Table, Teachers'	15
Tablet (Examination)	69
Tables (Sand)	65
Tag Manila Paper	62
Tape Line	34
Teachers' Chairs	16
Teachers' Desks	14-15
Teeters	42
Tellurian Globes	31
Terrestrial Globes	30
The Gifts—Kindergarten	64-65
Thermometers	40
Thumb Tacks	86
Tom Sawyer	75
Tools for Manual Training	17
Towels, Paper	35
Tower Bells	38
Toy Blackboards	20
T Square	22
Tracing Paper (Ricine)	62
Transparent Adhesive Tape	72
Triangle for Blackboard	22

U	Page
Union Jack Flags	39
Universal Phonetic Word Cards	58
Union Jack Seals	73

V	Page
Vans	44-45
Ventilating Systems	46-47
Vul-Cot Waste Baskets	40

W	Page
Wagons	44-45
Wall Bracket Dictionary Holder	36
Waste Baskets	40
Waterless Chemical Toilets, 48-49	
Water Containers	37
Water Coolers	37
Water Cups for Water Colors, 79	
Water Color Boxes and Paints, 78	
Water Color Brushes	78
Water Colors (Moist)	79
Water Color Brushes	78
Weaving Mats	52-53
Webster's Dictionaries	36
Weights and Measures	34
White Drawing Paper	62
Window Shades	34
Wire Waste Paper Baskets	40
Wooden Beads	57
Wooden Slats for Weaving	53
Word Builders	58-59
Writing Tablets	69

Y	Page
Yard Stick	34

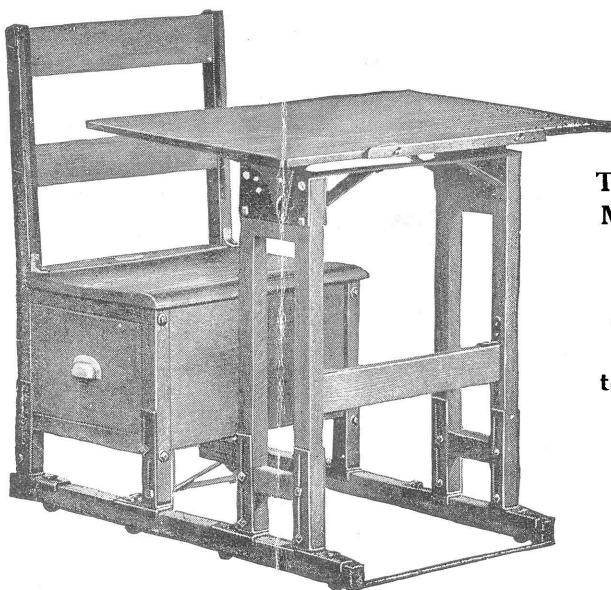


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