

MANUAL TRAINING IN THE GRAMMAR GRADES.

The following extracts are taken from a paper read before the arts and crafts section of the Utah State Teachers' association by Mr. D. W. Parratt, supervisor of industrial work in the Salt Lake City schools. At the request of a number of teachers present, we have secured them for publication. The points indicated are the ones which brought out so much discussion at the meeting.

"That life is wisest spent
Where the strong, working hand
Makes strong the working brain."

We have noted with satisfaction the steady growth manual training has experienced in Utah, and we feel confident it has come to stay. It has already, to a limited degree, demonstrated its usefulness in combining motor and mental activities, and we are pleased to note how teachers generally, as well as the public, are coming to appreciate this fact. The developments are being watched with greater scrutiny than those of any other subject of the school curriculum, consequently it behooves us to guide its further steps with utmost care and with a degree of caution. All over America today there are new fads and fancies springing up in the subject, but, like in all other studies, we must to a certain extent be conservative lest we are blown about by "every wind of doctrine."

In general, directors of manual training may be divided into two classes: First, the mechanic and, second, the teacher. The first regards the bracket shelf, book-case, etc., as the desired end, while the child, the living being with tendencies, likes, dislikes, and a bundle of possibilities, is measured as a matter of secondary consideration.

The teacher inverts the mechanic's position. Instead of working to change the crude timber into the finished object, using the child as a means to that end, he strives to evolve from the undeveloped boy, the finished citizen, but uses the wood and tools as an aid in his undertaking. We feel this, the teacher's, view of the primary object of manual training in the grades is the more correct one and consequently would urge its adoption by all grade teachers of manual training throughout the state.

It is no new thought to you when we say that one of the greatest drawbacks hand-work has experienced in America lies in the fact of so many mechanics being employed as teachers, as trainers of immature minds. Too much of the obedience-without-thought military systems of the old world has consequently crept into our shops. Too much attention is given to the hand, and not enough to the mind. We claim industrial work, on educational grounds, stands pre-eminent as a cultivation of the motor and mental selves, and yet too often work is seen wherein mental activity is reduced to a minimum. We preach the hand should execute the ideas conceived by the mind and at the same time find instructors who do the planning, the designing, the thinking, who do the mind work, and then require the pupils to execute what they, the instructors, have conceived. Please tell us wherein is that pronounced correlation of mental and motor activity in the individual of which we hear so much? Such a method surely develops the mentality of the instructor and it also reduces the child to a mere machine, fulfilling the measure of its creation in executing the ideas of some one else. Such methods will develop the opposite from thinking, creating, and thus defeat the fundamental purposes of manual training in the grades.

From what has been said we should not like to give the impression that one teaching the subject under consideration need not be qualified in the use of tools, nor in an understanding of the general tactics of shop work. A knowledge of these is necessary that they be used properly and most economically in the unfolding of the child's capabilities, but we feel this should be placed secondary as compared with the knowledge of the child and his psychological makeup.

Another subject worthy of consideration at the present time is the stiff, mechanical atmosphere that abounds in so many shops. Some seem to think that no line or curve or touch should be tolerated in the shop unless such can be drawn or added with instruments to mathematical exactness; no curved line, other than the circumference of its parts should be allowed because the compass can not be used in its drawing; no angle should be employed unless its measurement can be mathematically demonstrated, etc. In other words, they seem to think the child should be developed into a rigid mathematician with his art tendencies woefully neglected. In making the true man or woman the feeling or the emotional as well as the thinking or the intellectual side should receive due attention. The stamp of art should be on every piece of work turned out from the shop. The breaking of spaces, comparative lengths and directions of straight lines, the size of angles, the bending of curved lines, etc., should not be overlooked by the child in his designs and plans. The beauties of these cannot be "thought out," they must be "felt out." The most beautiful lines are those not drawn with instruments. Curved lines are more artistic than straight ones, and the least beautiful of all curved lines are those drawn with the compass. Let the child express himself and he will not be long discovering these truths.

While in the primary grades, the concrete should precede the abstract, we feel, to a marked extent. In the grammar grades the abstract may pedagogically precede the concrete. In other words, in the grammar grades the abstract working drawings may be developed before the ideas are made concrete in wood, etc. To carry out this plan or idea under present conditions, it may be necessary to give a limited drill in the fundamentals of mechanical drawing before beginning the making of objects. A short study of plans and elevations of type solids will be found ample to give this required preparation. Having given this drill it will be an easy matter to lead the pupils to the drawing of almost any simple object or almost anything that can be carried to a successful termination in the shop work. At any rate pupils should have a reasonable understanding of the A, B, C of working drawings in order to prepare understandingly, plans for their own work.

Before executing the thought represented by his drawing, each pupil should submit it to the teacher for suggestions or approval, and after receiving such approval should then be allowed to work it out in the wood or other material. To foster originality and creative power in the child, it may be well to regard each shop as a patent office, and that when a pupil works out a design or idea no other pupil be allowed to copy it. This method, we are sure, will cause every boy to do his best, for he feels his work is in competition with that of his fellow-students and it also stimulates active interest for each pupil is working on his own invention. He feels he is breathing fresh air and not air that has been breathed by others.

Work representing only the child's best effort should be approved, for careless work tends to make the pupil more and more careless—careless not only in school, but at home and abroad; not only in his school work, but in his dress, manners, and morals. Honest expressions in shopwork begets honesty in all his expressions. There is no doubt but that the shop may be a powerful aid in giving to the community honest, truthful, solid citizens. We shall make no mistake by insisting on painstaking, careful work. Most of our older boys will do quite as well as the ordinary mechanic if they are not rushed into sloven, quick-time rapidity.

The object of manual training in the grades is primarily to "bring out" the whole boy—body, mind and morals—and everything introduced into the work should be toward that end.

Pleasant and Most Effective.

T. J. Chambers, Ed. Vindicator, Liberty, Texas, writes Dec. 25, 1902: "With pleasure and unsolicited by you, I bear testimony to the curative power of Ballard's Horehound Syrup. I have used it in my family and can cheerfully affirm it is the most effective and pleasant remedy for coughs and colds I have ever used." 25c, 50c and \$1.00. Sold by Z. C. M. I. Drug Dept., 112-114 South Main Street.

MARTYRED BRYAN.

Here is a record of an incident which took place in the Sunday school of a church not far from Los Angeles a short time since. The superintendent of the Sunday school, while reviewing the school subsequent to the regular lesson, had occasion to speak of some of the presidents of our country. To focus the attention of the school he asked the question: "How many of our presidents have suffered martyrdom?" "Three," came the answer from at least a score of pupils.

"Good! Who can name them?" "A little fellow not yet in his teens arose.

"Well, sir, who were they?"

"As the school sat in breathless expectation this young Republican replied: 'Garfield, McKinley and Bryan.'"

Needless to say, the chorister had to start a hymn to restore order.

ODDS AND ENDS SALE IN ALL DEPTS.

Today Ended the Greatest Clearance Sale in Our History. Thousands and Thousands of New Customers Were Introduced to Our House and initiated into our Methods of Doing Business Through This Great Sale. Although the Prices Were Ridiculously Low, the Merchandise Proved so Satisfactory that they, like many Thousands in the past, will become REGULAR CUSTOMERS AT AUERBACHS. Monday will occur that Important Event which always follows our Clearance Sales, and the announcement of which is of great interest.

THE FINAL SELLING OF ALL THE REMNANTS AND REMNANT LOTS!

During the Sale great Quantities of Odds and Ends, Small Lots, Odd Pieces and Remnants were overlooked. These have all been collected together and prices placed upon them that will sell every article at sight. It was a most phenomenal Clearing Sale, and we intend that this Final Clean-up shall be even more Sensational from a Bargain Standpoint.

A Sale of Remnant Lots of Silks!

We've sheared the prices of all remnant lots of Silks where it hurts. But it is a necessary measure to clean out the accumulation on hand.

LOT ONE—1500 yards of Fancy Silks in Remnants, all lengths from one yard to a Dress Pattern. Values up to \$50, all go in the remnant sale at **48c**

LOT TWO—1000 yards and over plain and fancy Silks, a numerous assortment, and in all lengths Values up to \$100. Remnant sale price **53c**

LOT THREE—2500 yards of fancy and plaid Silks, all most desirable styles and qualities, and in lengths from one yard up. Nothing worth under \$1.00 and up to \$1.75 in this lot, all go in the remnant sale price at **79c**

The Remnant Sale

OF SILK, DRESS GOODS, FLANNELS, GINGHAMS, PRINTS, MUSLINS, AND BED SHEETINGS. STARTS MONDAY. Our semi-annual sale of remnants is always an event, this year more than ever before, because the values are greater. You'll find all size lengths and all this season's fabrics. The early buyer will get the best, so if you want the best bargains, come early.

REMANT LOTS OF Flannels and Comforters!

At prices that are simply ridiculous. These items are too great a snap to remain very long.

Remnant Lots of This Flannel, Value 12 1/2c & 15c, this week, per yard **6 1/2c**

Remnant Lots of Outing Flannel and Velour Flannel, value 12 1/2c & 15c, this week, per yard **7 1/2c**

Remnant Lot Heavy Twilled White Shaker Flannels, value 15c, this week, per yard **8 1/2c**

Remnant Lots of Comforters, value \$1.25, this week, each **78c**

Remnant Lots of \$2.00 Comforters, go at **\$1.18**

Remnant Lots of \$2.25 Comforters, go at **1.29**

ALL BROKEN LOTS OF FOOTWEAR!

Must be disposed of at once. To that end we have reduced prices again for this week.

BARGAIN TABLE SPECIAL!

WE HAVE THREE HUNDRED PAIR OF LADIES' SAMPLE SHOES, that are worth from \$3.50 to \$6.00. These shoes are going to be sold, while they last, starting MONDAY MORNING, at

\$1.95

Limit two pairs to a customer. Ladies' best storm Rubbers, worth 75c, at (per pair) **50c**

Boys' Rubbers, sizes 2 1/2 to 6, worth 75c, at (per pair) **48c**

ESTABLISHED 1864

F. Auerbach & Bro.

ONE PRICE TO ALL NEVER UNDERSOLD

MAMMOTH PURCHASE AND SALE OF

Embroideries!

Over ten thousand yards of new 1906 Embroideries purchased at Immense Price Concessions from a St. Gall, Switzerland, Manufacturer, go on Sale here tomorrow.

IT'LL BE THE GREATEST EMBROIDERY SALE SALT LAKE HAS EVER KNOWN. The newest and prettiest designs are included in this Sale, all are of the best quality, with CLEAN CUT EDGES and PERFECT STITCHING, the Selling Prices in almost every instance are less than ONE HALF Regular Value.

The Three Great Lots Are:

At **15c**

Hundreds of nobby patterns in Nainsook and Cambric Edgings and Insertions, not a piece in the lot worth less than 25c a yard with many of them worth up to 35c a yard.

At **19c**

Elegant wide Cambric and Nainsook Embroideries in the most beautiful open designs, excellent widths for skirt ruffles, waists, etc., worth up to 50c a yard.

At **25c**

Beautiful Corset Cover Embroideries as well as some of the richest and prettiest designs in Flouncings up to 12 inch wide, there's not a piece in the Lot you'd consider worth less than 75c a yard.

White Goods Remnants! The Annual Sale!

WE'RE NOT GOING TO BE BOTHERED WITH WHITE GOODS REMNANTS, ACCUMULATIONS AFTER THIS WEEK, THAT MUCH IS SETTLED.

You'll find all center counters loaded to the brim with remnant bargains. Make your preparations to be here.

Table Linen Remnants! Remnants of Towelings And Odd Napkins!

We've gathered all remnants and odd lots in the linen stock and marked them for this week BELOW THE COST OF WEAVING. Never was a better bargain time than this week.

Remnant Lots of Dress Goods!

FURTHER REDUCTIONS

To close out several lots next week, prices have again been marked down. Every piece thrown out for clean-up, must go out.

REMANT LOT OF ALL WOOL SUITINGS.

Consisting of Granites, Mohairs, Tweeds, Mannish Mixtures, etc. All new stylish goods. Suitable for waists, skirts or full suits. Sold regularly at 75c and 85c a yard. IN THIS REMNANT LOT SALE (per yard) **42c**

REMANT LOT ALL WOOL VENETIAN CLOTH, 38 to 40 inches wide, extra fine finish, pure wool Venetian cloth, in all good colors. Regular retail price 85c a yard. IN THIS REMNANT LOT SALE (per yard) **49c**

REMANT LOT FINE ALL WOOL SUITINGS, consisting of Panamas, Mohairs, Mohair Cravenettes and mixed suitings, all new, stylish goods, originally sold \$1.50 and \$1.75 a yard. IN THIS REMNANT LOT SALE (per yard) **88c**

The Clean-Up Sale

OF ALL REMNANT LOTS OF MUSLIN UNDERWEAR, RIBBONS, WINTER UNDERWEAR, HOSIERY, GOLF AND CASHMERE GLOVES, BELTS, NECKWEAR, ETC. Begins here Monday morning with the greatest bargain opportunities in the store's history.

HERE ARE THE THREE Greatest Sale Offers

FOR NEXT WEEK!

INFANTS' HOSE. 60 dozen infants' extra fine color Cashmere Hose, best 2 1/2 to 5 years grade, all sizes at **15c**

LADIES' VESTS AND PANTS. Extra quality best Elderdown fleeced, heavy, fine, smooth finished Vests and Pants, all sizes, an excellent 60c grade, on sale **40c** this week at **10c**

HOSE SUPPORTERS. Fancy frilled elastic Hose Supporters in black and all colors, the best 25c quality, goes **10c** this week, at **10c**

REMANT SALE OF Boys' Clothing & Gents' Furnishings

TO BE SWEEPED OUT NEXT WEEK AT THE MOST TEMPTING PRICES.

Some Resistless Snaps Await You!

VESTEE SUITS, all wool materials, a great variety of colors and patterns, sizes 2 to 6 years. Original prices \$3.50 to \$5.00. While they last will go at **\$1.25** (per suit) **27c**

BOYS' NATURAL WOOL UNDERWEAR, sizes 24 to 30 shirts, sizes 24 to 30 Drawers, regular price 50c per garment. To close them out, will go at **27c** (each)

MEN'S UNION SUITS—Only 15 dozen left. These suits are made from pure worsted yarns, Swiss ribbed. Regular price \$2.00 per suit. While they last will go at (per suit) **97c**

MEN'S SWEATERS—Entire stock must go. Regular price \$2.00 to \$3.00. To clean up **\$1.25** this line will go at (each)



THE NEW SPEAKER OF THE NEW YORK LEGISLATURE.

James W. Wadsworth, Jr., was elected speaker of the New York Assembly over George N. Palmer, the Democratic candidate. Mr. Wadsworth is the youngest speaker the New York Assembly has ever known. He is in his 28th year.

Mr. Wadsworth is a graduate of Yale and is entering upon his second term in the assembly. He enlisted in the Spanish-American war and saw service in Porto Rico. He married a daughter of the late John Hay, secretary of state. Young Wadsworth is personally known to President Roosevelt and is admired by the latter, who believing in the integrity of the young man and knowing his resourcefulness, has never hesitated to express his desire to see young Wadsworth elevated to the speakership.

Severe Price-Cutting On All Remnant Lots of Coats, Suits And Furs!

All Winter Garments to go Next Week at Gift-Like Prices. Greatest Ready-to-Wear Garment Bargain Chance in Years.

Broken Lots and Broken Sizes of LADIES' TAILORED SUITS. Every color and style represented, \$25.00, \$30.00, \$35.00 and up to \$40.00 values (120 Suits in this lot) Take your choice at **12.45**

Broken Lots and Broken Sizes of LADIES AND MISSES COATS 44 to 50 inches long, plain or novelty mixtures none worth less than \$10.00 and up to \$15.00. Your pick at **\$6.75**

Broken Lots and Broken Sizes of CHILDREN'S COATS, plain or CRUSHED VELVET, Beatenin and novelty coats ages 1 to 6 years, the cheapest \$3.75 and up to \$10.00. Monday and week **\$1.98**

Broken Lots and Broken Sizes of CHILDREN'S EIDERDOWN COATS in light blue, gray and red. Some with sailor collars, others plain, some slightly soiled, \$1.25, \$1.50 and \$1.75 values, a grand assortment to choose from at **73 cts.**

Broken Lots and Broken Sizes of LADIES' WALKING SKIRTS, in navy, black and brown and fancy mixtures, that sold at \$6.00 and \$7.50. All sizes, choice only **\$3.75**

Broken Lots and Broken Sizes of LONG SILK KIMONOS of pretty original designs, heavily trimmed with fancy silk braids values up to \$20.00 on special sale at **\$9.00**

Broken Lots and Broken Sizes of LADIES' HOUSE WRAPPERS, made of fleeced flannelette dark colors only, \$1.00 and \$1.25 values at **63 cts.**

Broken Lots and Broken Sizes of SHIRT WAISTS, in FRENCH FLANNELS, ALBATROSS and Brilliantine, some slightly soiled, our \$2.00 grade at **98 cts.**

The Entire Stock of Furs at Half Regular Price.

\$5.50 BROWN CONEY FUR SCARF **\$2.75**

\$5.00 BRO AT **\$3.75**

\$10.00 BLACK FOX BOA **\$5.00**

\$15.00 BROWN ISABELLA FOX BOA, at **\$7.50**

\$20.00 BROWN ISABELLA FOX BOA, at **\$10.00**

\$25.00 BROWN ISABELLA FOX BOA, at **\$12.50**