

Trend Toward School Rooms of the Future Seen in Weber County

By Cliff Thompson
New trends in public education—particularly in teaching methods—are causing Weber School District officials and education leaders across the nation to take a long, appraising look at the shape of today's classroom.

And the longer they look the more they are convinced the traditional 30-foot square classroom is rapidly becoming obsolete and soon will be as outdated as the one-room country schoolhouse.

Educators are finding the rigid confines of today's classrooms limit the effectiveness of such new teaching techniques as educational television, teaching machines and team teaching.

The least these new techniques demand is a reshaping of the square classrooms.

Many education authorities, including those of the Weber district, believe the classroom of tomorrow will be a highly flexible instruction area.

Weber Supt. T. H. Bell envisions a trapezoid or triangular room that can accommodate up to 150 students at one time. Easily operated partitions would permit this room to be quickly reshaped into small semi-private areas and study booths for one or a handful of students.

NOTICEABLE
A slow but sure edging toward this new concept in classroom design is noticeable in school construction now under way in the Weber School District.

A noted authority on school design, Dr. James MacConnell of Stanford University's school planning laboratory, said in a recent visit here that he saw more flexibility in Weber district classrooms than in most districts twice the size.

The demands of the new trends in teaching methods have Weber Board of Education members and administrators concerned about the designs for some \$7 million worth of schools planned in the district during the next half decade.

"We must be sure we are not building schools that will be obsolete before they are finished," says Supt. Bell.

A case in point is the county's new Bonneville High School at Washington Terrace.

'FACES WEST' TO BE FILMED FOR TV USE

Ogden's famed Mormon pageant, "All Faces West," scheduled for July 22, 23 and 24, is to be filmed for television on two national shows.

Gordon Belnap, chairman of the pageant committee, told the City Council the show will be filmed by the "Telephone Hour" and by the Ed Sullivan show.

The Telephone Hour will telecast the show sometime this fall. Mr. Belnap said, and eight or 10 minutes of the pageant will be shown on the Sullivan show next winter.

Add \$700 Room

E. K. Mills has applied for a building permit to add a \$700 room to the residence of Harriet Huntsman, 1474 Darling.

(EDITOR'S NOTE: Tomorrow's classroom may be as different from today's as the jet airplane is from the first airplane that carried the Wright brothers on their historic flight at Kitty Hawk. The reasons for these changes are discussed in this and two articles that will follow.)

When it was finished last year, Weber District officials thought they had an ultra-modern, up-to-date school that would be a guide post in school design for years to come.

Now they are not so sure.

DARING
"We thought we were quite daring in designing a degree of flexibility into Bonneville along with closed circuit television," says Supt. Bell. "But it's beginning to look as if we may have been too conservative."

He finds an agreeing voice in Dr. MacConnell who heads a multi-million dollar school design research project financed by Stanford and the Ford Foundation.

Dr. MacConnell visited the Weber District recently to discuss the design of a new junior high school for which the district has asked a Ford Foundation grant.

The foundation will put up money to build certain new features that have been designed into schools to meet the needs of the future, Dr. MacConnell said.

He called this "risk capital" that permits school boards to experiment with school designing without using tax money and facing the wrath of an aroused taxpaying populace if they don't come up with the right answer the first time.

RIGHT ANSWERS
And it is imperative that school designers come up with the right answers, Dr. MacConnell said.

"In the past three years there have been many terrific changes in education and many more are around the corner," Dr. MacConnell told Weber board members.

"The big problem in school construction is no longer getting the school in the right location," he said. "It is getting the right kind of school."

Dr. MacConnell reported breaks with traditional teaching methods are not as evident in elementary schools but predicted "the self-contained classroom where one teacher gives the student his entire academic diet is on the way out."

The shift from individual teachers to teaching teams will become mandatory, Dr. MacConnell said, because "one teacher just isn't going to be capable of knowing the more and more she is required to know to educate our children."

He reported a California seventh grade student has developed a satellite tracking device in his own workshop. Sixth grade science today, he said, is equal to ninth grade science of a few years ago.

MUST WAIT
But because today's education programs are imbedded deeply in the past, these students must wait until they get to high school to study on the level at which they are capable, Dr. MacConnell asserts.

If education programs are to keep up with the abilities and needs of the students, Dr. MacConnell said, team teaching, teaching machines and many other new methods now under experimentation will be necessary.

And research, he said, has indicated "all this means a different type of classroom."
(Next: The new teaching methods and how they work.)

Plumber Gets Post

J. N. Allred of 1320 31st was elected Saturday to the office of president-elect of the Utah Plumbing and Heating Contractors Association.

Mr. Allred was one of nine Ogden businessmen who attended the annual state convention of the organization held at the Hotel Utah in Salt Lake City.

He is owner and operator of the Allred Plumbing and Heating Co., 220 21st.

The association each year names the president-elect, who takes office at next year's convention. Thus Mr. Allred, formerly a vice president of the association, will take over as president in May of 1962. The new president who took office Saturday is Duan Neeley of Salt Lake City.

Mr. Allred has served as a member of the committee to promote the pipe industry and recently represented the Utah organization at a meeting of western plumbing and heating officials at Reno, Nev.

The association's convention wound up Saturday night with a banquet.

Weber Boy Scout Gets Eagle Award

A 14-year-old Boy Scout from Troop 73 has received his Eagle Scout award to become one of the youngest eagles in the Lake Bonneville Council.

Stephen Arave, son of Mr. and Mrs. Don W. Arave of Hooper, is an eighth grader at Roy Junior High School. He has been the troop bugler for the past two years.

Stephen received his award at a court of honor held in the Hooper Second Ward.



Council Rejects Beer Request, OKs Dump Hours

The Ogden City Council Thursday night disposed of a number of minor matters.

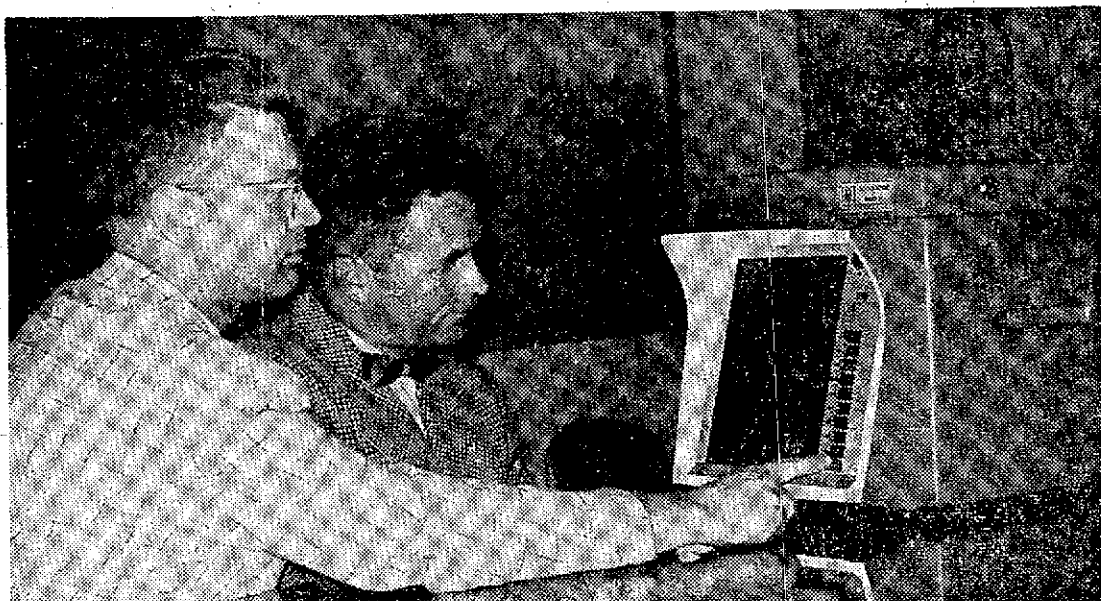
The council turned down an application for a Class C tavern beer license (beer in a glass) for the El Borracho, 25th and Lincoln. The tavern now has a Class D license providing for the sale of beer in bottles or cans.

The council approved a report by Edward L. Carlsen, city manager, that the city dump will be open from 6 a.m. until 6 p.m. during the summer months.

The council heard and ordered filed a letter from the Roy Sportsmen's Club endorsing the proposal to build an indoor rifle range at Mount Ogden Park.

Rear Window Broken

Sydney C. Peacock, 809 Taylor, reported to police a BB shot had broken a rear window.



EXAMINING TEACHING machines that will be used next year at Weber and Bonneville high schools are Harold Ashcraft, Bonneville teacher, and Dale Ellis of Weber (left to right), who will be among the math and electronics teachers using the machines next year.

'Sum of the 2 Angles' to Be Taught On Machines at County High Schools

The Weber School District will begin using machines next year to teach math and electronics at the county's two high schools.

This will be the most drastic of several breaks the county district has made with traditional classroom teaching methods during recent years. It will be the first district in the state to use teaching machines although some others are reported to be considering them.

Acquisition of 24 "Auto-Tutors" and 150 sets of automated teaching materials won the unanimous approval of Weber Board of Education members when submitted by Supt. T. H. Bell.

The "Auto-Tutors" will be acquired on a rent-purchase plan and used to teach all electronics students at Bonneville and Weber high schools. They will cost the district \$65 a month and become

district owned after two years.

The automated teaching materials, prepared by Encyclopedia Britannica, will be purchased for \$12.50 per set and used to teach algebra II and some algebra I and trigonometry to some of the 10th grade students at the two high schools.

Supt. Bell said effectiveness of the machines has been proved during eight years of research and experimentation.

He said the machines offer two primary benefits:

—Students can proceed as fast or as slow as they wish according to their own ability.

—More students can be taught by a single teacher.

"We will not terminate the employment of any teacher because of the machines," Supt. Bell said. "We will use the machines instead

of hiring additional teachers which are extremely difficult to find in these two fields anyway."

The superintendent said the district will need to hire four less electronics and math teachers next year by use of the machines.

Supt. Bell said the machines have been used in other districts throughout the country "with extremely satisfactory results."

He and board members said they visited one Virginia school last December where several students had already completed their year's work in math and were started on the following year.

Didn't Stop; \$10

ROY — Clain Price, Clearfield, was fined \$10 in Roy Justice of the Peace Court for passing a stop sign.

'Show of the Year' Coming to Hill AFB

An impressive display of the nation's military might will be opened for public inspection at Hill Air Force Base Saturday as Utahns pay tribute to their armed forces.

The open house at Hill AFB will climax Armed Forces Day activities in Northern Utah.

On display will be some of the latest developments in war machines, equipment and techniques from each of the armed services.

Highlight of the Ogden Armed Forces Day activities will be an address by Gen. Samuel E. Anderson, four-star commanding officer of the Air Force Logistics Command, formerly Air Materiel Command.

Gen. Anderson will address a joint Rotary-Kiwanis-Chamber of Commerce luncheon Wednesday in the Hotel Ben Lomond.

The AF Logistics Command is the supply arm of the Air Force. The Ogden Air Materiel Area, one of the major AF missile centers, is part of Gen. Anderson's command.

The Hill AFB display will be open to the public from 10 a.m. to 3 p.m. One of the most impressive arrays of military might will be the line-up of the Air Force century series of jet fighters. These range from the F101 Voodoo to the F105 Thunderchief.

Also on display will be a C119 Flying Boxcar, C124 Globemaster, DC97 aerial tanker and the T38 supersonic jet trainer.

Displays this year are concentrated on motion type equipment as all services team up to put on a military "show of the year."

There will be live attractions such as parachute jumps, Navy weasels and the Army's special Disneyland train.

Terrace Hears Light Appeal

WASHINGTON TERRACE — Apparent increases in traffic through the junction of Riverdale Road and the west entrance to Washington Terrace have brought renewed appeals to City Council to request state officials to install a semaphore light at the crossing.

Joe Swenson and V. J. Sweeney, representing the civic improvement committee, said opening of the north entrance to Hill Air Force Base has added considerably to the traffic volume.

Fears that a serious accident might happen were expressed.

Mayor Stanley Poulsen recommended that the committee invite Blaine Kay, district engineer of the Utah Road Commission, to meet with committee members at an early date.

Play Tryouts Set This Week

Tryouts for the Ogden Civic Theater summer play will be held Tuesday and Wednesday at the Golden Spike Coliseum. They will begin each night at 7:30.

The theater group plans to stage the melodrama "No Mother to Guide Her or the Midnight Mistake" in the coming summer months.

Besides actors, there is a need for scenery and prop men, a banjo and piano player and a singer and dancer.

People make the difference at Commercial Security...



Commercial Security's busy Bankloan Department helps residents of this area buy new cars or repair and modernize their homes to the tune of nearly 10 million dollars a year!

WE INVITE YOU TO JOIN the happy people who ride the escalator to the Bankloan Department on the second floor of our main office, at Washington Blvd. and 25th Street . . . get acquainted with the efficient and friendly people on our staff. Seated, left to right, they are: Jesse Matthews, loan officer; Keith Walker, assistant vice president and loan officer; Boyd H. Jeppson, vice president and manager; and Warren H. Stewart, assistant vice president and assistant manager.

Standing left to right are: Dixie Peterson, LaVon Maycock, Charlotte Fairchild, Robert Christensen, Carol Buckway, Renae Jacobs, Marjorie Russell, D'On Nelson, LuJean Leishman, Alice Mallory, Judy Butler, Janice McGregor, Beverly Southwick, Pauline Schiffman; assistant vice president and credit manager Theron Simpson, and Margaret Boiteux.

IT'S A MOST CONVENIENT SERVICE . . . you pay only lowest bank interest . . . you establish valuable bank credit in your name!

You'll bank your best at



Commercial Security Bank

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION . . . MEMBER FEDERAL RESERVE SYSTEM
3 LOCATIONS: 25th and Washington Boulevard, Washington Terrace and 458 25th Street

Linford Bros. GLASS Co.

Announces Their
SERVICES and PRODUCTS
to the Northern Utah Area



AMERICAN SAINT GOBAIN GLASS PRODUCTS, GLIDE SLIDING WINDOWS & DOORS — AMERICAN ART METAL STORE FRONTS — SHOWER DOORS — MIRRORS — AUTO GLASS — HOME GLASS.

Phone EX 9-3326

Linford Bros. GLASS Co.

320 27TH STREET