

Bethlehem Steel Moves Edwards To New Torrance Headquarters

W. E. Edwards, San Francisco District Engineer, Fabricated Steel Construction, Bethlehem Steel Co., has just been appointed Los Angeles District Engineer. In his new position, Edwards will be located at the company's Torrance Fabricating Works. This announcement was made today by W. J. Mc-

Clung, general manager of operations.

Although born in Seattle, Edwards received his primary and high school education in the Los Angeles area. In 1944, he enlisted in the U. S. Navy, and he spent the next two years in officers training at Occidental College and the University of Southern California.

Following his discharge from the service, he entered Stanford University where he graduated with a BS Degree in Civil Engineering and an MS Degree in Structural Engineering.

Edwards came to work for Bethlehem in 1950. He spent the next year in the company's Loop Course, a specialized indoctrination and training program for selected college graduates. Upon completion of the course, he was assigned to the engineering department at the company's Alameda Works. In 1955, he was transferred to Bethlehem's Seattle Works as an engineer. In 1957, he was appointed District Engineer for the San Francisco district.



W. E. EDWARDS Assigned to Torrance



TEACHING MACHINE... Mark Vaughn and Linda Bain, students in Mrs. Jenne Torrence's class at Calle Mayor School, Torrance, learn how to use a home-made teaching machine. The box has a slit in the top through which the children get problems. After they have worked the problem, students can lift the flap to find out whether they had the right answer. This makes it possible for them to drill themselves and to find out immediately what mistakes they made.

School Staff Develops Teaching Machine Without Buzzes, Lights

Youngsters at Calle Mayor School, Torrance, are getting the benefit of teaching machines, but they aren't the costly electronic variety with whirring motors and blinking lights.

Principal Myrl Rupel and his staff have developed a series of home-made teaching machines operating on the same principles as the larger electronic variety. They are designed, of course, to let pupils do drill work in needed subjects, while the teacher works with other students in other areas.

THE CALLE Mayor machines, however, are made of 12 by 20 inch wooden boxes with a slit in the top, a No. 10 size vegetable can, and a small wooden flap covering part of the slit in the box.

The tin can is suspended inside the box, with a sheet of paper around it. On the paper are various problems—and answers—which can be shown through the slit in the top of the box. The answer part of the writing, however, is covered by the flap.

AS EACH problem appears in the slit, the student answers it. After he has arrived at the answer, he can lift the flap to see whether he got the right answer.

The problem, as seen through the slit, would look something like this (with answer by flap, in parentheses): 9 times 9 (81)

BASIC principle behind this device, as with its larger electronic brothers, is that the student can check his answer at once.

With the problem fresh in his mind, he can recheck his work to see where he made a mistake. Normally, he would have to wait until the next day for the teacher to read and correct the paper. By then, he may have forgotten what he did to solve the problem or why he arrived at the answer he did.

"THIS IS excellent in certain types of work," said Rupel. "One or two students can work

by themselves, doing work in some area of need or special interest. The teacher, of course, has to prepare different sets of problems for different fields and different ability levels.

This device lends itself to use in math, social studies, science, and other courses where drill and repetitions are necessary.

"Teaching machines do not replace teachers, but they help a teacher with some of the time-consuming activities in the classroom," Rupel said. "They do a necessary job with a minimum of effort."

Seaside Sermon Topic Related

"Sleepers Awake!" will be the sermon topic of the Rev. William K. Schatz Sunday at the Seaside Community E & R Church, 230th and Ocean Ave.

The sacrament of Holy Communion will be served during the 10 a.m. service. Child care will be provided. Sunday School classes will convene at 9 a.m.

Special music by a trio composed of Mrs. Richard Evans, Mrs. Roger Schreffer, and Mrs. C. L. Martin, will sing, "All Glory Laud and Honor" during the worship service.

Reliance on God's Power Sunday Topic

The effectiveness of reliance on God's power will be illustrated in Christian Science services Sunday.

David's trust in God alone in his victory over Goliath is featured in one of the Scriptural accounts.

The Lesson-Sermon entitled "God" includes this passage from I Samuel: "Then said David to the Philistine, Thou comest to me with a sword, and with a spear, and with a shield; but I come to thee in the name of the Lord of hosts, the God of the armies of Israel, whom thou hast defied. . . . And all this assembly shall know that the Lord saveth not with sword and spear: for the battle is the Lord's, and he will give you into our hands."

"There is no power apart from God," declares Mary Baker Eddy in the Christian Science textbook, "Science and Health with Key to the Scriptures." She continues, "Omnipotence has all-power, and to acknowledge any other power is to dishonor God." Again she says, "We bury the sense of infinitude, when we admit that, although God is infinite, evil has a place in this infinity, for evil can have no place, where all space is filled with God."

The Golden Text is from Deuteronomy: "Hear, O Israel: The Lord our God is one Lord."

Shuman to Head National Supply After Dec. 31 Merger With Armco

Armco Steel Corp. announced this week that two of its wholly-owned subsidiaries, The National Supply Co. and Union Wire Rope Corp., will be merged with Armco on Dec. 31.

The announcement was made by Logan T. Johnston, Armco president, who said that National Supply will be operated as the National Supply Division of Armco. Likewise, Union

Wire Rope will be operated as a separate unit of Armco.

Johnston also said that Sidney A. Shuman had been elected vice president and general manager, National Supply Division. Shuman succeeds A. W. McKinney, who recently retired as head of National Supply.

Shuman, 48, is a native of Oklahoma, and has been active in the oil and oil supply industries since 1925. In 1936 he joined the Fluid Packed Pump Division of National Supply and earlier in 1937 became assistant to McKinney.

James H. Hatch will continue as general manager of Union Wire Rope.

National Supply, with headquarters in Pittsburgh, is one of the largest manufacturers and distributors of oil field machinery and equipment. It operates manufacturing plants here, in Pennsylvania, Texas, and 120 oil field stores in North and South America.

Union Wire Rope has its headquarters and manufacturing plant at Kansas City, Mo. It markets wire and wire rope products through a network of 15 of its own warehouses and the oil field stores of National Supply.



SIDNEY A. SHUMAN Heads National Supply

College Choir Planning Many Choral Events

"It must be emphasized that El Camino College is a community college that offers programs to all persons in the community, those wishing a college degree or those wishing to expand their own potentials," Leo Christian, director of registration said this week. "Nothing proves Christian's theory more than the El Camino College community choir, which is open to adults of all ages who wish to take part in group singing and who enjoy the experience of performing choral music."

"The choir is open to anyone that likes to sing," Crist L. Mikkelsen, director, said. "and in the programs planned for the spring there are opportunities for solo voices as well as choir work."

Early performances planned by the choir for this semester include a joint effort with the South Bay Symphony of the opera "Aida" by Verdi and a later performance of the Mozart "Requiem."

General registration for El Camino College will be held Jan. 10, 12, 17 and 19 in the Campus Center and registration for the community choir is listed as "Music 21."

Late registration will be held Monday, Jan. 30 from 1 p.m. to 2 p.m. and 5:30 to 7 p.m. This will mark the final day of registration for spring classes.

Chairman of Citizens Committee On Education to Speak on Jan. 5

Dr. William V. Lawlor, chairman of the Citizens Advisory Commission on Public Education in California, will be guest speaker at a meeting sponsored by the Torrance Junior Chamber of Commerce at the Palms Restaurant at 8:30 p.m. on Jan. 5.

This committee has been meeting for two years throughout the state to study every phase of education in California and to hear viewpoints from the public, teachers, and educators.

IT IS NOW ready to submit its final report to the State Legislature, early in January. Dr. Lawlor will be discussing some of these recommenda-

tions at this public meeting. Dr. Lawlor is a Glendale dentist, and a member of the American Dental Assn., and the Southern California Dental Assn. He was a delegate to the White House Conference of Education, the Governor's Conferences on Education, Juvenile Delinquency, and Youth.

ANYONE wishing to make reservations for the dinner preceding Dr. Lawlor's address may do so by calling Gordon Phillips, FR 8-5566. The dinner will begin at 6:30 p.m., and will cost \$3. There is no admission charge to hear Dr. Lawlor's address.

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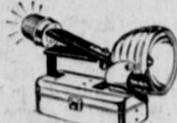
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