

ALL-SCHOOLS DAY

Schools day is an annual event... thousands of patrons, teachers, pupils. The program consists of plays, concerts, fetes, athletic events, and musical and dramatic presentations. It is a real community affair which city and country people on the occasion has done much to arouse interest in the schools of the county.

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Chicken

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PRESS WANT ADS BRING RESULTS

GETTING CAR READY FOR USE IN WINTER

ALCOHOL USE IN RADIATOR

Directions as to Quantity for Various Types of Cars and How to Measure Amount to Give Safety

At this time of the year the motorist begins to think of getting his car ready for winter driving.

According to a bulletin issued by the mechanical first aid department of the Chicago Motor club, the ordinary cooling system holds about 3 1/4 gallons of water, and if one gallon of denatured alcohol is added to 2 1/4 gallons of water, to fill the radiator, you will have a 30 per cent solution, which will not freeze until the mercury gets down to 10 above zero. This is satisfactory for most conditions, even if the thermometer may be hanging around the zero mark, because it takes some time for a car to cool down to the temperature of the air. One and one-third gallons, however, a 40 per cent solution, will give immunity down to 2 degrees below zero, and if the car is left in an unheated garage overnight this is safer. Of course, if a real old fashioned cold snap comes on the safest thing to do is to see that the temperature contains a 50-50 solution of alcohol and water.

Use Denatured Alcohol In buying alcohol for the radiator, only denatured should be accepted, as it is harmless to the radiator, hose connections, or engine, whereas wood alcohol usually contains free acetic acid which is harmless to these parts, and while it is a slightly better anti-freeze than denatured alcohol, it is not enough so to warrant its higher cost. The trouble with alcohol is that it boils at a somewhat lower temperature than water, and while this is not a drawback from the standpoint of heating, it means that it will evaporate fast and one can never be sure he has enough alcohol in his radiator unless he makes a hydrometer test.

Regular hydrometers for testing the specific gravity of anti-freeze solutions are on the market. In using a hydrometer a sample is taken in the usual manner, but unlike the battery test, the desirable thing is to have as low a reading as possible. It is also important that the reading be taken where the temperature is not below 55 degrees Fahrenheit. If the reading is 1000 then you have pure water, which will freeze at 32 degrees above zero. The presence of alcohol will lower the specific gravity, and also will lower the temperature at which it will freeze.

How to Measure With a hydrometer reading from 1000 down to 0.9430 or lower, the specific gravity of the water can be found. If, for example, it is found to be 0.9633, then the radiator contains 35 per cent of alcohol, and will not freeze at temperatures above 5 degrees above zero. Knowing that the temperature is ten degrees below zero the radiator will require about 46 per cent of alcohol, which will show 0.9498 specific gravity on the hydrometer.

If the car has a cooling system whose capacity is 2 1/2 gallons, of which one gallon is 40 per cent, the addition of one gallon of denatured alcohol to such a cooling system should produce a hydrometer reading of 0.9570, which will serve as a protection against freezing down to a temperature of 2 degrees below zero.

Use of Glycerine The use of distilled glycerine is now coming into vogue. Professor F. G. Keyes of the Massachusetts Institute of Technology, a driver of his own car, and operator of a fleet of trucks belonging to a company of which he is an officer, says that he has used glycerine in the radiators of his cars for some years, and that he prefers glycerine to alcohol. Professor Maxwell Adams of the department of chemistry of the University of Nevada is another scientist who favors the use of glycerine. Glycerine causes no damage to the parts of the car. It is odorless and without fire hazard, and it is said by those who have used it, that only one filling in the radiator is necessary at the beginning of the winter season.

The mechanical first aid department of the Chicago Motor club has no recommendations to make, but is passing along the information it has received from various sources. With the coming of the cold weather half of the trucks of the service department will use glycerine and the other half an alcohol and water solution, so that comparison can be made.

MILLION CHILDREN IN N. Y. SCHOOLS Another Record for Magnitude Set in America; Notable in History

America has set another record for magnitude—an amazing record in the field of popular education. For the first time in the history of the world more than a million children are now attending public school in a single city—New York. Daily this unthinkable army, a thousand thousand of American boys and girls of every racial origin and creed, gathers up its million satchels and proceeds to school, elementary, junior high, high, training and vocational.—Cincinnati Enquirer.

FOREIGN DEMAND FOR U. S. MOTORS

Europe Not Altogether Broke Is Indicated by Increased Sales There

That all of Europe is not entirely "flat broke" is indicated by the figures just released by the Department of Commerce to the effect that there is an increasingly heavy foreign demand for American passenger automobiles and automobile trucks. During the month of August, for which figures are now complete, just \$29,224,681 worth of automotive products were exported from the United States. At the same time Canada sent out two million dollars worth of automobiles. The export figures are above those of June and July and compare very favorably with the figures during the spring months, when the automobile business is always greater.

The United States and Canada shipped out 37,671 passenger cars and trucks during August, the number being greater than the number in the month of May. The increase over the shipments in June and July was over forty per cent.

Argentine took the greatest number of American cars, but there was a big increase in the demand from Italy, Denmark, Great Britain and Belgium. The only countries which showed a decrease in our automobile business were Mexico, Cuba and New Zealand.

LORADO TAFT TO GIVE FREE TALKS

Agrees to Make Another Series of Talks at Art Institute This Winter

Lorado Taft, the well known Chicago sculptor, will again generously contribute of his services to the cause of a better understanding of art, in a course of free lectures to continue throughout the coming season. They will be given in Fullerton Hall, Art Institute, every Sunday afternoon at 5:30, and will immediately follow the closing number of the Little Symphony Ensemble. Mr. Taft gave twenty-two lectures on sculpture during the season 1924-1925 and they were attended by 11,643 eager listeners, which is an average of 547 for each lecture. When it is considered that Fullerton Hall has a seating capacity of only 475 it may

easily be seen what a firm hold Mr. Taft has upon the public. The amount of good these enlightening talks upon one of the noblest of arts does cannot be estimated, but it is safe to say that they are playing their part in awakening our people to the renaissance in worthwhile things now going on all around us.

TESTIMONY TAKEN OVER TELEPHONE

An automobile accident case was being tried recently in Bayette county, Pa. One of the chief witnesses for the commonwealth had just returned home after being a patient in the hospital and was not able to attend court. Rather than to delay the court proceedings until such time as he might be able to appear personally, he was called by telephone, the oath administered, and his testimony transmitted over the wire and recorded by the court stenographer.

The girls may be getting teeth knocked out while playing baseball, but they never had anything of that kind happen when they used to sit in the parlors and do fancy work.

Know All About Your Own Hospital

Visit the hospital any time during visiting hours, 2 p. m. to 4 p. m., and 7 p. m. to 8 p. m., daily, and see the up-to-date equipment and realize how low the rates are for the Service given.

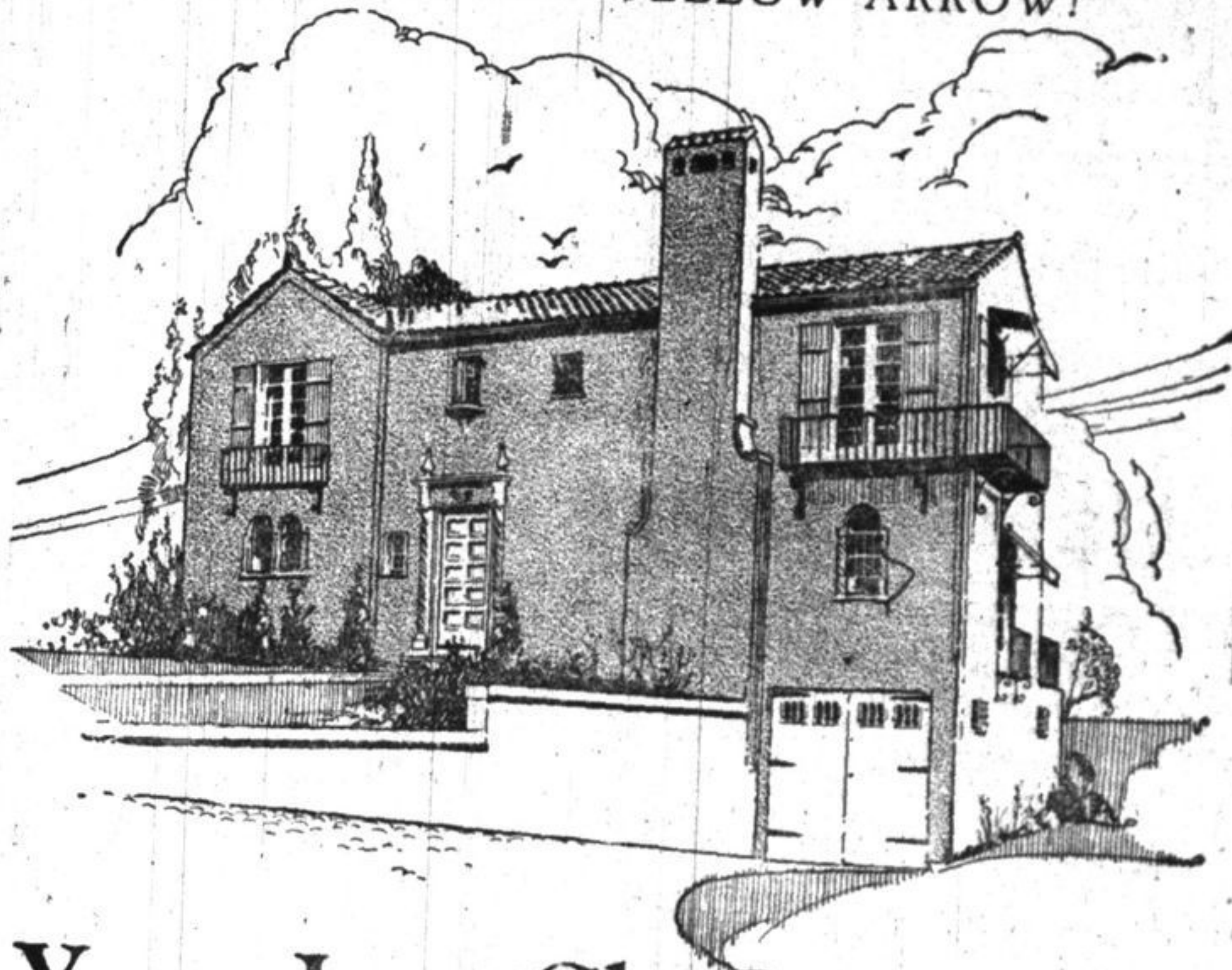
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The Highland Park Hospital

Main Entrance Homewood Avenue, two blocks west of Green Bay Road Telephone Highland Park 102 - 103

"FOLLOW THE YELLOW ARROW!"



Your Last Chance to See The Electric Home

Sunday, November 15th, is your last opportunity to inspect the Highland Park Electric Home. In this residence, electricity performs practically all of the household tasks. It cools the refrigerator, cooks the food, ventilates the kitchen, operates the sewing machine and accomplishes numerous tasks about the home. Electricity in the form of light beautifies the rich furnishings and interior decorations.

Plan to visit the electric home before the closing date. Courteous guides will conduct you through the home and explain the many new interesting electrical features.

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