

Energy saving begins at home

Being snug as a bug requires a lot more than a rug when the weather turns cold.

But the principle is the same — provide adequate insulation.

Many people overlook the most obvious means of energy conservation at home when they fail to insulate themselves. A sweater, warm robe, wool socks or extra blanket can help a person more comfortably tolerate lowering the thermostat on the heating system a few degrees.

Calculations show that every degree a thermostat is lowered in the winter results in a saving of 3-5 percent in heating costs. Reducing the temperature from 67 to 62 degrees, then, can cut 15 percent off the cost of heating a house.

Properly insulating the house itself can produce additional savings as much as 20 percent or more off winter heating bills. Key areas are ceilings below unheated attics and other cold spaces, exterior walls, rooms over unheated garages and storage areas, and floors above cold spaces.

Whether to use insulation made of cellulose, glass fiber, rock wool, polyurethane or other insulating materials depends on the characteristics of the area to be covered and the R value sought. R (resistance) measures the effectiveness of the material in reducing heat loss.

As a rule-of-thumb, an adequately insulated home has these R values: ceilings R-3, floors R-19 and walls R-13.

Installation of storm windows and doors also provides savings in heating costs, although the initial price is often considerable.

Homeowners who cannot afford to insulate all doors and windows should concentrate first on those with northern exposures, gradually adding those on the west, east and south, in that order.

Other insulation measures well worth the time and expense are:

- Caulking around window frames, doors, and wherever two different exterior building materials meet.
- Checking heating ducts for leaks, repairing them with caulking compound, duct tape or ordinary adhesive tape, and wrapping them with insulated batts where they pass through unheated spaces.
- Utilizing close-fitting window shades and insulated drapes, open on

sunny days and shut when there is no sunshine.

- Insulating the hot water tank and the water pipes.
- Repairing broken windowpanes and loose sashes.
- Examining masonry and filling small chinks and cracks with mortar.
- Being sure mail chutes, fireplace dampers, and similar openings close tightly.

HEATING SYSTEMS should be inspected once a year for natural gas furnaces and twice during the season for oil burners. Replace wornout units with energy efficient models. Clean or change air filters.

Vents in unused rooms should be closed, and doors to such rooms kept shut at all times. Likewise, people who sleep with a window open should turn off the heat in the room and keep the door closed at night.

THE GOVERNMENT allows tax credits on tax returns for specified conservation measures.

These include water heater insulation, storm windows and doors, caulking and weather stripping, automatic setback thermostats, flue dampers, furnace replacement burners that reduce the fuel used, and meters that display the cost of energy usage.

class reunions

LINCOLN PARK 1928-32

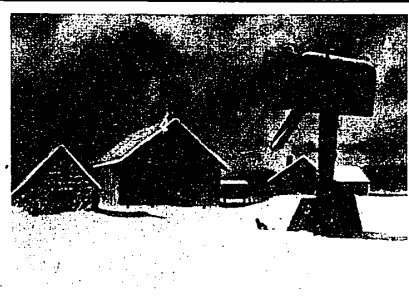
A reunion is being planned Lincoln Park High School graduates of the years 1928 to 1932 and teachers from that era. Those interested in attending are invited to call Mary (Sabadosh) Busch, 381-4082; Louise (Studzinski) Richmond, 381-6918, or Virginia (Hobloch) Luggish, 421-9070.

HENRY FORD TRADE SCHOOL 1951

The Henry Ford Trade School class of 1951 will hold a 30-year reunion Pub. 7 at Bonnie Brook Golf Club. For tickets or more information, call John A. Rossetto, 591-1392 after 5 p.m.

Nardin Park transcribers

A Christmasy mailbox bordered in green is one of 10 Christmas card designs offered this year to aid the work of the Nardin Park Braille Transcribers, a group that prepares materials for the visually handicapped. Prices range from \$4 to \$10 for 25 cards; this one is \$5.50. Order from Fran Hoetger, 476-4973, or Linda Mills, 477-3671.



Sessions survey Japanese inroads

A conference on "The Japanese Automotive Industry: Model and Challenge for the Future?" will be held Jan. 14, 1981, at the University of Michigan.

All sessions will be held in the Power Center for the Performing Arts in Ann Arbor.

Themes stressed at the forum will be how Japanese imports are affecting the American auto industry.

HAGGERTY HAS IT!

Interior Pre-Hung Door
1 1/2" Thick, Finger Joint Jambs, Hinges, Stops

	Luan	Birch
2"x6"	28.30	32.75
2 1/2"x6"	29.50	34.50
2"x6 1/2"	30.00	36.00
2 1/2"x6 1/2"	33.00	39.00
3"x6"	34.50	40.50

PREFINISHED MOULDINGS

In All Sizes And Shapes To Fit Your Paneling Trim Needs To Match The Paneling You Choose!

Wall Beauty that's more than just color

Best Ceiling White Latex
Save \$3.00
\$11.99

PAINT TRAY AND ROLLER KIT
\$3.95 C&C

Plastic DROP CLOTHS
9'x12' from **\$5.50** C&C

Bathroom Vanity
Driftwood or Oak
21"x24" Cabinet with 1 piece cultured marble top **\$95.95**

PREMIERE BATHTUB ENCLOSURES
WITH TEMPERED GLASS #6291

- Installs in minutes. No drilling required through tiles or walls.
- Beautiful chrome-like finished aluminum frame.
- Silent running - long wearing rollers.
- Meets federal and state safety glazing codes.
- Complete with hardware and installation instructions.
- Fits openings 54" to 59"

\$59.88

Lattice Panels
for the new and different decorating look try Lattice Panels

2'x6'	Easy to Cut	\$22.95
2'x6'	Ready Made	\$19.95
2'x6'	Arched Panel for Interior Use	\$29.95
2'x6'	Treated Panel for Exterior Use	

Keep animals from under deck
Use as barrier around decks and porches

CHIMNEYS

- Cleaned
- Screened
- Repaired
- Built New

Roofs

- Repaired
- Re-Roofed
- New
- Leaks Stopped

KARNEY DERDERIAN CONTRACTORS
427-3981
LICENSED • INSURED • GUARANTEED

VERTICAL BLINDS

Give yourself a whole new outlook at enormous savings

50%* off

No freight - No handling charges
VERTICAL BLINDS

Vertical blinds a great way to control your view of the world. They're versatile. Vertical blinds are superb in a contemporary look! You can adjust them to the exact position you need, because they rotate a full 180 degrees.

Look to drapery boutique where one does it all. Decorator Shade Cloths, Macrame and P.V.C. at 50% savings.

drapery boutique
Drapery, Bath, Wallpaper, Blind Studios

3068 Orchard Lane Road
Farmington Hills, Mich. 48018
(313) 626-4313
Daily 9:30-6:00 Mon. & Thurs. 9:30-6:00

37041 Grand River
Farmington Hills, Mich. 48018
(313) 478-3123
Daily 9:30-6:00 Mon. & Thurs. 9:30-6:00

BARKERTILE
PANEL SIZE 4'x8'x1/8"

SERIES III

One 32 square foot SERIES III panel has the look, without the work, of over 100 individual ceramic tiles. Available in 4'x8' and 6'x6' 1/2" full thickness panels.

It's easy to create bright, beautiful new interiors with Barkertile panels. Choose from an eye-fitting range of colors and patterns. Easy to install and easy to care for - stain, scratch and moisture resistant.

Barkertile is perfect for kitchen, bathroom, and laundry room settings, bringing a fresh new look that cleans in seconds and lasts a lifetime.

\$29.95
SHEET
Cash & Carry

Champion Vinyl Guard

Paneling
Apache
Pecan, **\$9.88** ea.
Sidra
C&C

Over 40 wall panels on display for easy selection

Tongue and Grooved Cedar Paneling
3/4"x4"
27¢ C&C
LIN. FT. Good for Outside or Inside

NOW! BOLD, DEEP WALL TEXTURES

Ruff-It

Easy to apply
• Premixed - ready to use
• Crack resistant - 6 colors
• Covers up to 80 sq. ft.

OUR REG. \$15.95
2 GALLONS IN PLASTIC PAIL
\$13.95 PAIL
C&C

Z-BRICK
BRAND
FACING BRICK

- Add color and charm to any room in your home
- Weatherproof - use in landscaping or other outdoor projects
- Fireproof and non-toxic - can be used in
- Guaranteed for 10 years
- Local Red only

48 Sq. Ft. **\$3.29** Per Carton
C&C

Have a problem wall?

PARIS WALL COVERS IT ALL!

The controversial "Whimsical" Paris Wall covers up these spots:

- Vandalism - graffiti - scuffs - scratches - stains - marks - etc.
- Fire - water - 18 exciting colors
- Stain resistant
- Easier to install than wallpaper
- Provides insulation
- Adds an accent color

One corner's deck
Reg. 19.95
\$17.95 C&C