

MARIETTA CITGO
 CITGO GAS—GROCERIES
 OPEN 5:30 A.M. — 8:30 P.M. DAILY
 SUNDAY 8:00 A.M.—6:00 P.M.
 Ed Reeves, Prop. Phone 426-3863
 East End—Route 441—Marietta

3-D maps at the Grandview School

Grandview Elementary School teacher Tom Konas tried something different when his class studied maps. He had them make up not the usual two dimensional maps, but three dimensional ones—in effect, models.

When the kids merely drew plans for houses, they tended to leave out the bathrooms, forget to put in stairs, and the like. But when they got ready to make actual miniature houses, the problems became more concrete. More thought was put into the models.

Working in small groups, the kids first drew rough plans, then detailed plans. Then, using such diverse building materials as sugar

cubes, popsicle sticks, and heavy paper, they began building.

Off-the-drawing-board problems arose and were solved: the original construction of the sugar cube house melted when the students tried to weld them together with water. After experimenting with glues, they hit on a sound method.

With 3-D shells completed, they kids went on to hang tiny curtains and build furniture. And they included the bathrooms that had been left out of some plans.

This hands-on approach to map study gives Mr. Konas' students practical experience as well as theoretical know-how.



Mike Brubaker and Amy Hess at work on a popsicle-stick ranch house. Sticks are fastened with white glue.

AUCTIONS make the difference in marketing livestock!

NEW HOLLAND

difference in auctions!

- MONDAY—8 AM--Fat Hogs
10 AM--Horse Sale
11 AM--Hay & Straw
1:30 PM--Fat Steers, Bulls, Cows & Veal
- WEDNESDAY—12 Noon--Hay & Straw
12:30 PM--Dairy Sale
1:00 PM--Feeder Pigs
- THURSDAY—11 AM--Fat Steers, Bulls & Cows
4:30 PM--Sheep & Veal

New Holland Sales Stables, Inc.

New Holland, Penna.

Abram W. Diffenbach, Manager Phone [717] 354-4341

ARNOLDS

USED CARS

- 1978 Pontiac Firebird Esprit
- 1978 Olds 88 Royale Cpe.
- 1977 Pontiac Lemans SW
- 1977 Pontiac Catalina Sedan
- 1977 Olds 98 Regency Sedan
- 1976 Pontiac Ventura Hatchback
- 1976 Olds 88 Royale 4DHT
- 1976 Ford Grenada Sedan
- 1976 Olds Cutlas SW
- 1975 Pontiac Catalina SW
- 1975 Olds 88 Royale Cpe.
- 1975 Pontiac Lemans SW
- 1972 Olds 98 Sedan
- 1971 Olds Cutlas Sedan

MAYTOWN 426-1121

PONTIAC ♦ OLDSMOBILE



Mr. Konas' class poses with two of their houses.



SHARP'S DISTRIBUTORS

Beer & Aie

Porter & Soft Drinks

10 Decatur St., Marietta—426-3918

Sell and Burkhart take survey courses

William R. Sell and Jeffrey S. Burkhart of D.C. Gohn Associates, Inc., Surveyors and Engineers, Mount Joy, recently attended the annual Surveyor's Conference sponsored by the Pennsylvania Society of Land Surveyors, held at Penn State.

Bill attended a class regarding storm water management, and Jeff selected a course on subdivision design. Both received instruction in the preparation of legal descriptions.

Bill is chief computer technician at D.C. Gohn, and is a registered surveyor. He lives with his wife and three children in Lancaster.

Jeff holds a draftsman position. He lives in Mountville.

SALE ON MAYTAG

\$25 MAYTAG CASH REFUND

Model A308 Washer

SPANGLER APPLIANCE SOUND

West Market Street Marietta
426-3122