

Students unearth mysteries of science

By MARIE CHESTNEY
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An archaeological dig took place recently at the Livonia Mall, right under the noses of shoppers out to buy Christmas gifts.

At the shopping center, Botsford Elementary fifth-graders were hot on the trail of artifacts buried centuries ago in the Anasazi ruins of the Southwest.

As shoppers strolled by, some stopping to watch, the students sifted through leaves and soil, looking for buried archaeological treasures.

How can this be, you ask? To spotlight American Education Week, Clarenceville School District whisked teachers and students out of the school buildings into a "pretend" classroom set up between Crowley's and Mervyn's stores.

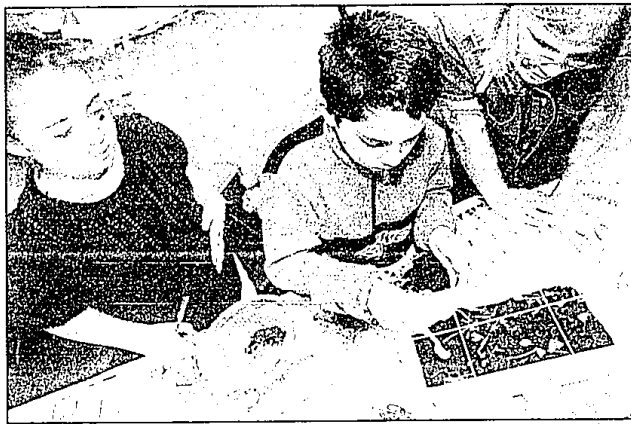
At various times of the week, over came math teachers, English teachers, Spanish teachers, choir teachers and physical education teachers as well as their students for an hour-long period of instruction.

On Wednesday morning, it was Lisa Morris' turn to teach science at the mall to her fifth-graders. At Botsford, the students had already done some of the legwork to solve a mystery—who was stealing petroglyphs (rock carvings) at an Anasazi archaeological dig?

In the classroom, they already had done fingerprinting experiments and chromatography tests, the first steps in solving the mystery.

The next investigative step was to actually sift through the Anasazi ruins. By the end of their hour at the mall, most of the fifth-graders had gotten halfway through their dig.

The "dig" is actually an interactive science curriculum developed by Hughes Aircraft and the National Science Foundation. The program consists of four,



Sands of time: Kelly Davis, 10, (left), Adam Boulachem, 10, and Brooke Heidler, also 10, work on their archaeological dig during the lesson. Some of the items found were pennies, a chain, a seed, and a piece of pottery.

■ 'Projects like this help students to retain information. It gives them an understanding of why things are done in a particular way.'

Tamara Vickroy
—parent

"Archaeologists treat everything they find as important," Morris said, speaking through a microphone attached to her blouse so that students could easily hear her over the din of the mall.

Students worked in groups of three. In one group, Emily Keyes started out as mapmaker; Laurel Noble was excavator; and Nick Zupancic was curator.

Before long, they had found amid the leaves and twigs a bean, a piece of cotton and a piece of red brick.

Helped by Clarenceville High School senior Jeff Salvas, one group made it all the way down

to the bottom level. Here, Shawn Bornek, Mike Mauiglia and Ashley Hayes found ancient jaw and bone fragments, supposedly buried eons ago under tons of sand and dirt.

Back in the classroom and with the artifacts before them, the fifth-graders could then spin tales of what it was like to live in Anasazi times.

"The next session will involve discussion of the objects found and what they tell us about that time and the people who lived there," Morris said.

At the end of the hour, students, teachers and parent helpers Sandra Ballard, Victoria Pectz and Angie Hayes gathered up the gear, cleaned off the tables and whisked the fifth-graders back to their classroom at Botsford.

Said Tamara Vickroy, who had come to watch daughter Jennifer Pope learn science at the mall: "Projects like this help students to retain information. It gives them an understanding of why things are done in a particular way."

ELAINE GRANTHAM
Elaine Grantham, 75, of Farmington died Nov. 23.

Mrs. Grantham worked as a registered nurse for Garden City Hospital and St. Mary Hospital. She enjoyed traveling in the United States and England.

She is survived by husband, George; son, Michael of Farmington; daughter, Susan (Chris) Grantham-Joy of Norfolk, Mass.; brother, Reginald Harris of England; sisters, Betty Trigg and Sylvia, both of England; and grandchildren, Connor and Erin. Funeral services were held Nov. 27 at Thayer-Rock Funeral Home in Farmington with the Rev. Larry Austin officiating.

EVA ZELOCK
Eva Zelock, 91, formerly of Farmington, died Nov. 23 at Michigan Masonic Home in Alma, Mich.

Mrs. Zelock was a homemaker. She is survived by son, Alexander Jr. (Donna) of Garden City; daughter, Jeri Reilly of Brighton; grandchildren, Jill and Jennifer Reilly; great-grandchildren, Christina and Alexandra; and many nieces and nephews.

Funeral services were held Nov. 28 at Thayer-Rock Funeral Home in Farmington with the Rev. Robert Mitchinson officiating.

DOROTHY THOMAS
Dorothy "Eileen" Thomas, 85, of Farmington died Nov. 22 in West Bloomfield.

Mrs. Thomas was a homemaker. She is survived by many dear friends.

Funeral services were held Nov. 25 at Thayer-Rock Funeral Home in Farmington with the Rev. Larry Austin officiating.

KEITH PICKENS
Keith Pickens, 42, formerly of Farmington, died Nov. 18 in San Francisco, Calif.

Mr. Pickens was an iron worker. He enjoyed designing gardens and helped with the construction of Hospice Home Gardens in Farmington Hills.

He is survived by brother, Curtis of Page, Ariz.; sisters, Deborah Read of Farmington, Pamela Maharsmoff of Milford, Cynthia Pickens of Northville, Laurie Dalziel of Livonia and Marcella Rutka of Milford; and beloved friend Cori Bell and daughter Jasmine.

A memorial service was held Nov. 25 at Thayer-Rock Funeral Home in Farmington with the

OBITUARIES

Rev. Richard Hardy officiating. Memorial contributions may be sent to Hospice Gardens, 16250 Northland Drive, Southfield 48075-5200.

NANCY P. EGGENBERGER
Nancy P. Eggenberger, 65, of Bloomfield Hills died Nov. 23 at Beaumont Hospital in Royal Oak.

Mrs. Eggenberger worked as a registered nurse for 40 years at Harper Hospital in Detroit. She enjoyed painting with watercolors.

She is survived by: husband, Robert; sons, John (Nancy) of Canton, Eric (Carolyn) of East Lansing and Jim (Michelle) of Farmington Hills; brother, Donald Price; and grandchildren, Maricatherine, Olivia, Brian, Cody and Tristan.

Funeral services were held Nov. 27 at A.J. Desmond & Sons Funeral Home in Royal Oak.

Memorial contributions may be sent to the American Cancer Society, the American Heart Association or the Salvation Army.

JEANETTE M. FLANNAGAN
Jeanette M. Flannagan, 73, of Farmington Hills died Nov. 24 at Botsford Hospital in Farmington Hills.

She is survived by daughters, Janene (Frank) Guidobono and Sharon (Arthur) Paruchetti; one brother; six grandchildren; and four great-grandchildren.

Funeral services were held Nov. 28 at St. Fabian Catholic Church in Farmington Hills. Arrangements were made by McCabe Funeral Home in Farmington Hills. Memorial contributions may be sent to the American Heart Association.

RUTH E. DUGGAN
Ruth E. Duggan, 91, of Farmington died Nov. 22 at Providence Hospital in Southfield. Mrs. Duggan worked as a bookkeeper/secretary at Celso Steel in Detroit.

She is survived by son, John (Jo Ann) of Santa Maria, Calif.; daughter, Helen (Alvin) Bryant of Sutters Bay; six grandchildren; 17 great-grandchildren; and three great-great-grandchildren. Funeral services were held Nov. 24 at Thayer-Rock Funeral Home in Farmington with the Rev. Neil Ellison officiating.

Memorial contributions may be sent to Hospice of S.E. Michigan, 16250 Northland Drive, Southfield 48075.

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In our Sears November 29th insert we inadvertently pictured the Craftsman Garage Door Opener #53648 with a Keyless Entry Pad. This item does not include the Keyless Entry Pad. We apologize for any inconvenience this error may cause our customers.

ADVERTISING CORRECTION
Due to manufacturer's inability to ship additional product, the Furby toy, shown on page 55 of today's The Best Gifts Sale catalog will be available in extremely limited quantities. No rainchecks will be issued.
We apologize for any inconvenience this may have caused our customers.
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