



**MANNING THE PUMP** — Science students at Larkshire School demonstrate the displacement of air by pumping it in and out of a can. The experiment was a three-man operation for (from left) Duane Humberger, John Laprise and Brian Scott Rice.

# At Larkshire, Air, Polliwogs Have No Secrets

What does an African polliwog look like? What happens to a tooth when it is soaked in vinegar? How do you prove that air takes up space? These were some of the wondrous questions answered at a science workshop in Larkshire School on Nov. 14. Pupils from grades two through five took part in the demonstration which was viewed by the student body in three separate sessions.

**OTHER demonstrations** on view included: With the help of a micro-projector an African minnow was shown in its wriggling state and compared with the size of its eggs. A mini-lecture on its habits was also provided. A steam engine was depicted by a teakettle whose jet of steam turned the blades of a simple pinwheel.

The presence of limestone in rock was illustrated by scraping bits of rock into a vial filled with vinegar and checking the resulting action.

**MORE WERE:** Inertia was graphically demonstrated by striking a piece of cardboard placed between a rod and ballbearing. The cardboard was dislodged while the bearing remained stationary. Effect of acids on tooth enamel was discovered by soaking an egg in vinegar. As the shell became soft and shriveled, it was apparent that acids could produce the same effect on tooth enamel, which is similar in structure. As air was pumped out of an empty can, it crumpled up

in proof that the air had been occupying the space within. Pumped back into the can, the air caused it to resume its original shape.

**OTHER EXPERIMENTS** involved construction of a simple generator, a telegraph signal system, lighting an incandescent bulb and checking items for starch content.

The program was a dry run (and there will be at least two more) in preparation for a spring science workshop to be produced for parents.

Mel Blackman, administrative intern, coordinated the work of the science classes and served as commentator.



**POLLIWOGS ON PARADE** — Bobby Deering adjusts the micro-projector to show his Larkshire classmates an African minnow and its egg at the school's science workshop on Nov. 14.

## Mayfair Club Sets Schedule For Bridge

The Mayfair Duplicate Club is now meeting in the Twelfth Mall, Southfield. Sessions are held at 11:15 a.m. Wednesdays and 8 p.m. Fridays.

Nov. 27 will be master point night and on Nov. 29, a big event of the bridge year, the International Olympiad game will be held. Reservations are urged for the Nov. 29 game. A special master point game will be held Dec. 6.

Mayfair also holds games at 7:45 p.m. Thursday evenings in the Birmingham YMCA. The monthly master point game in Birmingham will be Dec. 12 and the last special game will be held Dec. 19. Recent Mayfair winners include: Freda Rutherford and Mary Jo Narragon, John Turmal and Mike Ballie, Fae Sloan and Ben Ginsberg, June Hartz and Ann Thomsen and Laurette Oak and Shahan Kavian.

## Photos By Evert



**TEST FOR LIMESTONE** — Don Durocher tests a rock for limestone content by watching the action of vinegar on rock scrapings at Larkshire School's science workshop.

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## Upped In Rank

Peter Zerhan III, 21, son of Mr. and Mrs. Peter Zerhan, 28478 Ridge Brook, Farmington, has been promoted to Army S/4 while serving as a radar operator with the 3rd Infantry Division near Kitzingen, Germany.

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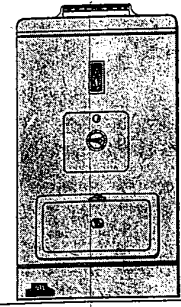
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