

Dave Presto is making the rounds with Mount Joy police officers. Photo shows Dave flanked by officers Bill Roberts and Bill Rueter.

DHS Career Elective Program

story and photos by
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During the month of May, about 80 seniors at Donegal are participating in the Career Elective Program. This program allows a student to participate in something of his career interest.

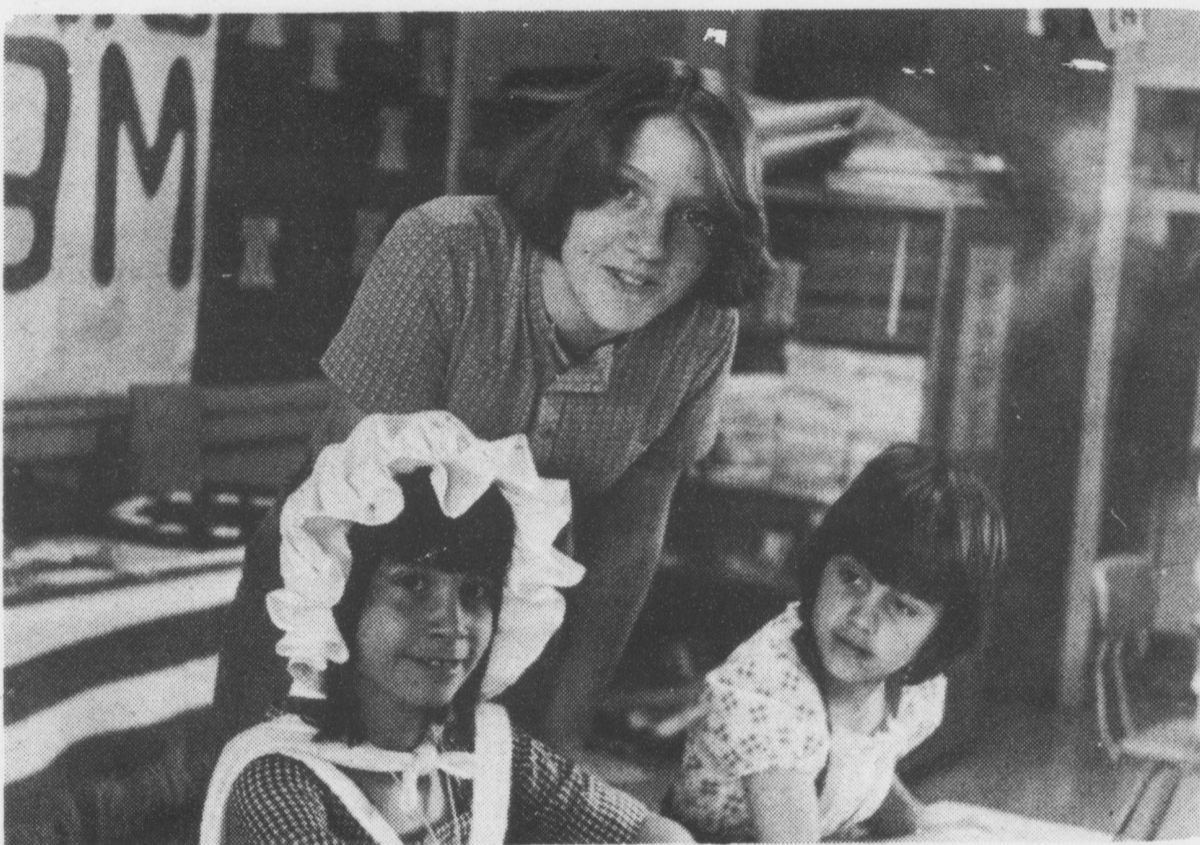
There is no limit to how far a student may travel to

his particular job. Each student is required to either write a journal or research report, or do a project. Also, each student must have a teacher/advisor and the student must have a sponsor.

The teacher/advisor and the student are to have a conference at least once a

week about what the student has done and how it relates to his career interest.

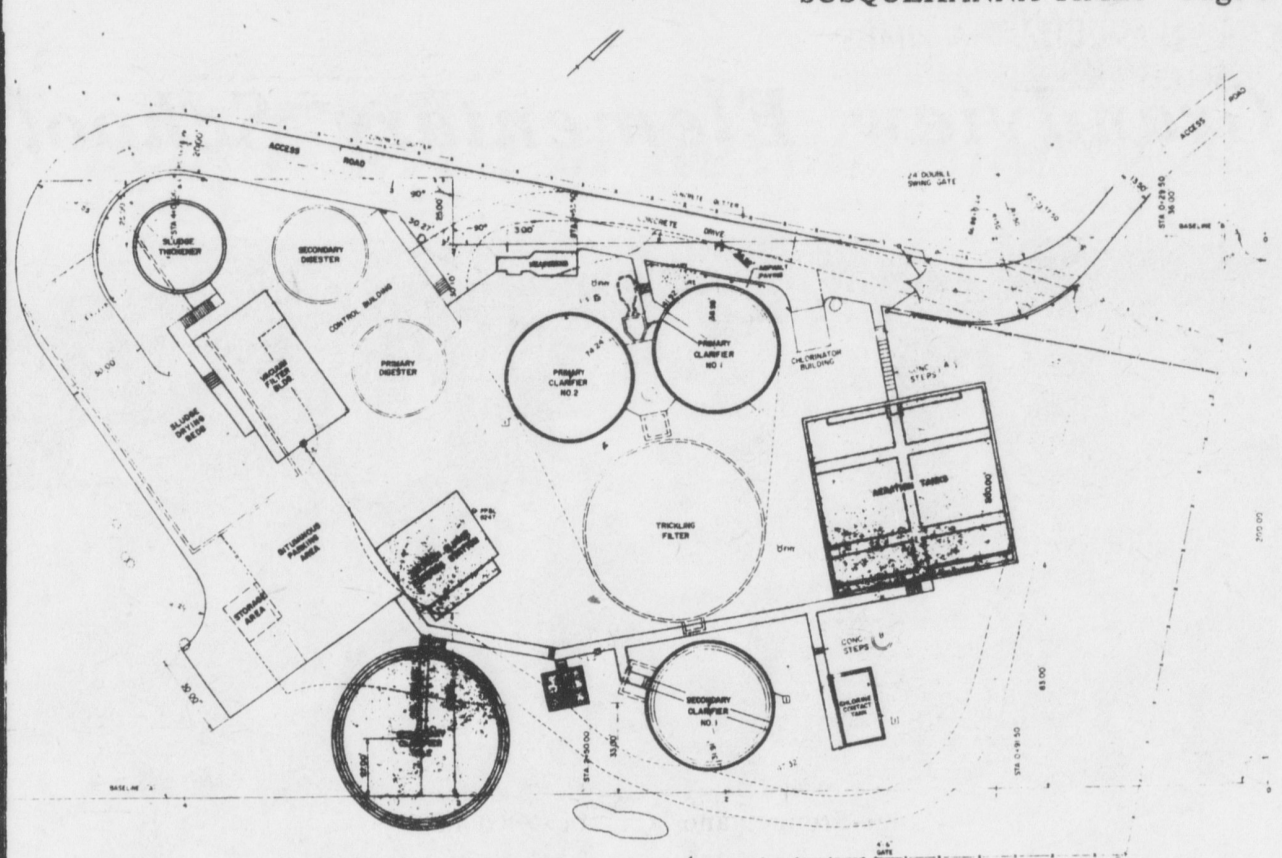
Students have chosen fields in criminology, nursing, photography, business management, secretarial work, teaching, law enforcement, building and construction, veterinary medicine and printing.



Kathleen Jones is helping the art departments at Grandview and Seiler schools. Photo shows Kathy with Lisa Coover (left) and Mindy Garman.



Peggy Shenk is working at Lehman's Nursing Home. Photo shows Peggy chatting with Mr. Henry Earhart.



Map shows present Mount Joy sewage plant, with proposed additions in gray.

[continued from page 1]

Up to a million gallons of sewage flows from the drains of Mount Joy every day. It flows through the Mount Joy sewage treatment plant, then is poured into Chickies Creek.

The treatment plant was built in 1957. It was designed to process a smaller volume of sewage.

The treatment process takes time. When there is too much sewage, the process does not work. That is why new treatment facilities are needed in Mount Joy.

The Mount Joy plant does two things: it removes solids from the sewage, and it breaks down chemicals dissolved in the water.

Raw sewage entering the plant is 99% water. The sewage goes into big holding tanks (called clarifiers) and gravity slowly drags the solid particles to the bottom.

Pumps at the bottom of the tank move the solids, called sludge into composting tanks. The sludge ends up as fertilizer.

Relatively clean water is siphoned off the tops of the

clarifiers. The water contains a lot of unpleasant chemicals, like ammonia, and a lot of bacteria.

The bacteria feed on the chemicals and slowly convert them to less objectionable compounds. To speed this process, the water is run through a large bacteriological farm called a "trickling tank."

The trickling tank is a round concrete pool filled with rocks. A special breed of laboratory-bred bacteria grows on the rocks. Liquid sewer is sprinkled over the rock and trickles to the bottom of the tank. By the time it reaches the bottom, most of the chemicals have been broken down.

Before the water goes into Chickies Creek, it is held in yet another clarifier, where bacteria keep working and remaining solids settle out. It is also chlorinated to kill disease germs.

Because too much sewage is flowing through the plant, the solids don't have time to settle out, and the bacteria don't have time to do their job.

Planned improvements include: a new holding to give solids more time to settle; an aeration tank to help the bacteria work more efficiently; a special tank which adds alum to the sewage to chemically speed the removal of solids; a sand filter to break down chemicals; new pumps and tanks to process the increased amount of sludge; and a new headquarters building to house the complicated new control gear required.

All these improvements will cost \$5 million. An outlet pipe to the Susquehanna will cost another \$5 million.

The new facilities will prevent ecological disruption of Chickies Creek. When incompletely processed sewage is dumped into a creek, the water may be over-fertilized.

Micro-organisms in the creek increase to the point where they use up oxygen in the water. Fish die, and the water smells bad.

The higher new sewer rates will buy a pleasant future for Chickies Creek.

Musical to be held at Riverview

The Donegal All Elementary Musical will be presented in the Riverview Auditorium in Marietta on May 18, at 7:30 P.M.

The concert will feature a selected chorus from the Maytown, Riverview, Seiler and Grandview buildings, performing a program prepared by Mrs. Pat Enos and John Eyer, and the All Elementary Band, selected from the same four buildings and performing a program prepared by H. Morrell Shields.

The final number will be a patriotic selection done by both groups together.

For the third consecutive year, the All Elementary Band has been invited to present a concert in the Branford, Connecticut Schools.

The last two concerts were presented in the Short Beach Elementary School

but this year plans call for the concert to be presented in the new Middle School.

The band will leave Mount Joy at 12:30 p.m. on Thursday, June 3, and will arrive in Branford about 6:30 p.m. A rehearsal is planned for the evening and possibly a swim in the Middle School pool before retiring in the Short Beach School.

A rehearsal is planned for the evening.

The concert will be presented the next morning at 9 a.m., after which the students and their chaperones will board their busses en route to Plymouth, Massachusetts.

The remainder of the day will be spent touring Plymouth, when the group will return to the Short Beach School for the night.

The next morning, June

5, the band will depart for home, arriving sometime Saturday afternoon.

The band will be presenting the same concert on May 18 that it will perform in Branford.

The public is invited to the Riverview School for that performance.

DID YOU HEAR...

Miss Aurick's fifth grade from Riverview went around Marietta Friday, April 30th picking up trash. The students picked up forty bags of trash. They could have collected many times as much trash but they ran out of bags! The activity was part of a unit on community health. One aspect of the unit dealt with pollution. The students felt they could make a personal contribution by picking up trash in their community.