

Science institute planned for area instructors in June

A one-week institute for science, math, chemistry and biology instructors in the Tuscarawas Valley will be held June 18-22 at the Tuscarawas Campus of Kent State University at New Philadelphia.

It will be under the direction of Clifford Schrader, chairman of the Dover High science department, who has a doctorate degree in science education from Purdue University.

Other faculty members are: Robert R. Carlson, who is on the staff at the main campus of Kent State University; Al DeGennaro of Columbia, Md.; Bekye and George Dewey of the Olney Friends School at Barnesville; Larry Baker, principal of Dover High, and Ted Martin, Stuart Ferbrache and Tom Henry of the Dover High teaching staff.

The fee is \$166.50 and all those completing the seminar will receive two hours of graduate credit.

Schrader said those attending the institute will receive materials they can use in the classroom, including lab exercises, reasoning activities, computer discs and laboratory equipment.

Because the institute is being underwritten by local industries and foundation grants, all meals

and laboratory equipment will be provided at no additional cost. The daily schedule will run from 8 to 8.

"We are going to have teachers sharing solutions as a integral part of our program," Schrader said. "Applicants should submit a one-page description of a teaching idea which they created or modified from some other idea and which they will share with the other teachers."

He explained that many teachers do not have the opportunity to attend conferences frequently or have access to professional journals. Therefore, the research findings in science education and the implications for classroom teachers will be summarized during the institute.

Also included on the institute program will be a discussion of computer uses, group lab work and demonstrations, teaching and learning styles and discussion of common concerns between teachers, administrators and industry representatives.

The program has been designed to accommodate a minimum of 30 teachers and a maximum of 60. Those interested in the institute should contact the Department of Continuing Education at the main campus of Kent State University or write or call Schrader at Dover High, telephone 343-7746.