Municipal clerk designation is given to Dornan

Farmington Hills deputy city clerk Kathy Dornan is one of 98, people in Michigan designation proposed to the control of the co

hours of in-depth courses in mana-gerial and leadership skills, social and interpersonal issues.

DORNAN ALSO has completed courses in computer training, records administration and person-nel supervision.

Her professional memberships include the International Institute



of Municipal C'erks, Michigan Municipal Clerks, association and Oakland County "Jerks Association. She is a member of the Farmington Professional Women's Network and past member of the Walled Lake Area Jayevs. The International Institute of Municipal Clerks provides members with educational, conference, research, reference and Informational services for administrative and technical changes in local government.

C Sports--more than just the scores

Challenge is scientific at Wood Creek

Applying knowledge to new chal-lenges, promoting thinking skills and learning new things are all part of the Math/Science Challenge at Wood Creek Elementary. The event has become an annual one for upper elementary students at the Farmington Hills school. Over two days, fourth and fifth graders were treated to an afternoon of different activities, designed to challenge and stimulate interest in the areas of mathematics and sci-ence.

the areas of mathematics and science.

"We want them all to be a winner in a way," said elementary science consultant Doug Cooper, who worked with fifth graders last wee. "We try not to be competitive." May 19, fifth-graders Jessan Ronans and Jenny Breining were busy working on electronic circuits and, like others in their group, took pride in an "invention," which lit a bulb and had an on/off switch. "We just kept working until we got something that worked," Ronans explained.

plained.
Farmington-area high school stu-dents volunteered their help for fifth graders last week. Parents of fourth graders helped Monday during the two-day challenge.

FOURTH-GRADE teachers Bar-bara Adams, Barbara Bachman and Kathleen Endress and fifth-grade teachers Landon Swanson, Susan Menellley and Anna Crudgington were all responsible for coordinating the challenge and setting up the pro-grams.

grams.

It is the third year the elementary school has sponsored such an event; it is the only one of its kind in the Farmington district.

The Wood Greek activity involved 141 students in all.

"The Isoachers developed the active."

141 students in all.
"The teachers developed the activities and really got involved," said science consultant Kathy McAdaragh. "They work out the Jogistics."
The Math/Science Challenge format has remained the same, but teachers have changed activities,



North Farmington High 10th-grader Chris Cheung (standing) looks on as Wood Creek fifth-graders Michael Krasman (left) and Jason Poliak work on a computer problem.

It is the third year the elementary school has sponsored such an event; it is the only one of its kind in the Farmington district.

many of which are non-traditional.

"We try to tie it to the curriculum," McAdaragh added. "The idea is to minimize the competition and give motivation."

Activities included problem solving, experiments, an introduction to geometry where students graphed coordinates, computer games and others. Each participating student received a certificate for participating in the event.

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Vood Creek fifth-graders Marcy Couch (left) and Jaimo Veinhaus build an electrical circuit.



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