# mmunity Life a something

### Farmington Observer INSIDE: Ask Bristol, **B**3 Page 1, Section

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### Social niceties get tedious for harried mom

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## Computer therapy gives voice to kids

A Farmington Hills youth with corebral palsy has found a new way to com-municate and it has opened his world.

### BY KATHE O'DONOHUE

Imagine being a parent of a yaung child who is unable to communicate through traditional means and suddon-ly finding a way. This has been the

This has been the experience for Dana and Btave Ross of Parmington Hills and their Dysear-citi aon, Bradley, highly impaired as a result of corebral palay. Through a new com-puter technology called "Compupiny, Dradley is able to communicate his needs to his parents and carceivers.

communicate his needs to his parents and caregivers. In the past, Dana Ross describes bradies where she would determine his needs through a "give me flow process of elimination that could be cumbersome. Campuplay is offered at the Detroit Institute for Children in Detroit (DIC). According to Monica Cheick, publi-

the Derivit Institute for Children in Detroit Institute for Children in Detroit (DIC). According to Monica Choick, publi-cist for DIC, "Compuping is a cutting-edge therapy affording the children (the chance) to learn and to play in a way they couldn't atherwise. In many ways it is a great equalizor: where they can't participate in the chaseroom and playground, they can match their skills with a computer." A nationally accrodited program, Compuping is part of the Augmentative and Alternative Communication pro-gram of the Speech and Language Department at DIC. Certified teachers assess children 2:18 years of age to detormine individual needs for comput-eif-esteem, acial interaction, commu-nication and play and leisure skills. A variety of software programs and adaptive equipment are tailored to the individual's needs, according to Chelck,



Hard at work: Bradley Ross gets help from (left) lead therapist Pat Nizio and Amy Goodman, both speech and language pathologists at the Detroit Institute for Children. Compuplay, a new computer technology, allows Bradley, who has cerebral palsy, to communicate with others.

such as "an adapted joystick or a voice-netivated koypad with pletures." There are many alternative methods to 'hold' a tool, she explaina. "Many children have restrictive movements, and semetimes in therapy the feet or the head are used on switches. Some-times even even movement can be used the head are used on switches. Some times even eye movement can be used thereby enabling children with all lev-els of disability to use the computer." Children and caregivers learn together through Computer sessions, and a software lending library is also avail-able.

soltware teltum instant a main able. Through Compupilay, Bradlay uses a specialized tooi called a liberator which involves learning a whole language based on icons.

For example, there is a picture of an apple he could choose, or an array of neuras and vorks symbolizing concreto or abstract concepts. Bradley has a lib-erator at home for use as well, and the Rosses have been able to rent and try out equipment before purchasing it. For Compuplay services at DIC a doctor's recommendation is needed. Choick states, "Half the funding comes from insurance reimbursement, but most Medicaid roturns are very low, insurance companies often do not want to cover services for chronic con-ditions. For many families, technology has opened a whole new world, but

computers are costly. Sometimes fami-lies can only afford to come (for in-clin-ic treatment) but cannot afford a com-

ic treatment) but cannot afford a com-puter at home." Dana Ross describes Compuping us "a very unique computer class children with special needs can explore what will work best with them. Bradley started with a tracking ball, and advanced to a joystick. (Through the centor) one can see what things will work best before you go to buy them." Cheick desribes the DiC as "the best kept secret in Detroit." Formerly know

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