	o My News Post comments Font	Size: a a A A Rank: Not ranke	ed		
led under: POUGHKEEPSIE	, N.Y. , JESSICA M. PASKO , Adaptiv				
lichigan e Detroit New o Clevelando Pennsylva iana Ohlo Ofitisburgi natio West Virginia entucky Virginia ssee North CarolinMap	Ania New York New York New York Rhode Island Connecticut New Jersey data @2007 Tele Xflas - Terms of U	program, 16-year-old student at the REHAE and has little control of Annemarie is one of t their own using new of for emotional and phy musical instruments for instruments to those of project will not only all experiences. Musician and Rensse years discussed the in bring her love of musi	I.Y. (Map, N Annemarie g school in PC sychother movi- hree student sical therapy or the physic whose disabi- ow students laer Polytech dea of bringin al therapist at the kids	IESSICA M. PASKO, AP ws) - Using subtle motions of her head and a newly devel infined with the realization that she was making music. The ughkeepsie. Severely physically disabled, Annemarie can ments of her head and arms. .a the facility who are being given a rare opportunity to c has not always been accessible for everyone. With the ", lily challenged" project at REHAB, its founders are hoping ties prevent them from playing regular instruments. They' a chance for creative expression but will provide a wealth nic Institute professor Pauline Oliveros and drummer Leaf REHAB, a facility for the physically disabled, had long loc she worked with. She'd started a drumming class with the horerbarl palsy, to join in the experience.	e teenager is a t' walk or speak create something of ed a valuable tool adaptive use t o bring musical re hoping the of other valuable f Miller had for rd instruments. sked for a way to
laying music isn't somet	hing that's typically accessible f	or severely disabled childre	en," said Mille	r. "Opening up this opportunity for them is amazing."	
his really is helping the	m to gain a certain amount of c	ontrol over their bodies, wh	nich is just gr	eat," she	
dded.	-				
er connections, she was udents, Zane Van Duse	er of Kingston-based musicians a able to secure a \$20,000 gran m, began working in December ng the little range of movement	t in February for her propo to develop a computer pro	sed project.	One of her	
	ouble major in computer science				
placed" on a portion of the	a digital video camera to display heir head, such as the tip of the	ir nose, and then follows t	heir moveme	nts. As it does,	
rection produces a scale	either in piano mode or percussi e in piano mode, while percussi	ve mode creates a serious	of quick drur	beats or a	
eing tested as well. RPI	as first tested with the students faculty members and former st	un way, and remote robot udents have been working	to construct	s are now and program	
e devices and implement					
-year-old Billy - whose	pick three of the most physically parents asked that their last na	ames not be used - and Ge	offrey Eisen	11, use	
heelchairs, are unable t	o speak and have little or no co	ntrol over the movement o	f their arms o	r hands.	
	working with the staff at REHAE instrument was something she'd		2 years old,	s also visually impaired. For his mother, Tarez Eisen, se	eing her son
The first time I saw him	to this, it just blew me away," s	aid Eisen. "Anything indep	endent that	ou can do, especially music, is just wonderful."	
o-created by Ruud van o ovements. But for some	ler Wel of the Netherlands and I e of the most severely disabled, nizations, including London-bas	David Whalen of Glenville, most of those aids still red	was develop uired more of	special instrument holders and modified drum sticks. The ed for use by quadriplegics and its pitch can be changed b ontrolled movement than they could manage. Like the De d Institute for Music and Neurological Function, are also v	eep Listening
	and Neurological Function, a lo ic instruments for use with com			erface Digital Instrument equipment. MIDI, a processing director Dr. Connie Tomaino.	system, is
	pital drum pads, which allow us nprove physical coordination.	to regulate the force the p	atient needs	o use to make a sound, and reinforces motor strength," s	aid Tomaino,
nlike some music therap aching the creative pro-	by, the goal here is to eventually cess is the most important thing	y begin "composing," provi g.	ding a rare m	ode of expression for these students, said Oliveros, who s	aid she believes
music therapy, the goa	Is are usually nonmusical, said	Al Bumanis, spokesman fe	or the Americ	an Music Therapy Association.	
The client or patient doe: kills. Usually the goals a ke musicianship to a dif	re specific to the client's individu	rticipate. the goal is not us ual treatment plan," he said	ually a perfor I, adding tha	nance, it's increasing communication skills, understandin sometimes a performance is a byproduct and you discov	g, relearning lost er a patient does
rom my point of view, r atients."	naking something empowers. T	That can be very healing, a	nd exciting,"	said Oliveros. "In (a lot of) music therapy, there's no emp	owerment for
sen agreed.					
Ve have a tendency to	focus on the physical therapy,	but we sort of forget about	the creative	stuff," she said.	
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n the Web:					
tp://www.youtube.com/	watch?vC9SessVJ04I				
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