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T echnologies for  
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R eachable Digital  
N A T I V E S



Bi - Weekly Resources for  
Reaching & Teaching  
"Digital Natives"  
Volume 7, N 31  
for 4/24/07

Compiled by David Grapka  
Education (T.R.E.) Center

Technology Resources for  
[www.TRECenter.org](http://www.TRECenter.org)

Note: Some links are time-sensitive. Access to some may require registration or free subscriptions.

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### QUOTE OF THE WEEK:

The whole art of teaching is only the art of  
awakening the natural curiosity of young minds  
for the purpose of satisfying it afterwards. -  
Anatole France, novelist, essayist, Nobel  
laureate (1844-1924)

### CONFERENCE ANNOUNCEMENTS:

New York Citizens Coalition for Children  
(NYSCCC) 8th Annual Statewide **Adoption  
Training Conference**. May 10-12, 2007,  
Albany, NY. Workshops on Support and Services  
for Children with Developmental Disabilities,  
Improving Outcomes for Children in Family  
Court, Developmental Online registration:  
<http://www.nysccc.org/>

Union College on July 16, 2007- July 20, 2007.  
This venture is a "**traveling bike camp**" and is  
a partnership with Down Syndrome Resource  
Center, STRIDE, Hudson Valley Community  
College, and Union College, where children with  
special needs learn how to ride a bike. High  
school volunteers, College students, and older  
adults are being sought to support activities. For  
additional information and how to volunteer,  
call Marietta Schork Velvis at (518)-391-2581.

The Resource Center for Independent Living is  
honored to have R.J.Cooper visiting our  
community. For more information about R.J.  
Cooper, please visit his website at:  
[www.rjcooper.com](http://www.rjcooper.com)

R.J.'s Road Trip workshops take a very unique  
approach. RCIL will arrange one "learner" per  
half-hour, 6-8 learners for the day, and R.J. will  
try to change that person's life, right there in  
front of the attendees. If you know of someone  
who would like to participate in the workshop  
for an informal evaluation, please contact Kathy  
Brown at 866-7245 (voice); 866-7246 (tty). If  
you would like the opportunity to try out  
assistive technology with a learner, why not sign  
up!

A parent/guardian or teacher must accompany  
the learner. The support team is encouraged to  
be at the workshop.

#### **Workshop Information:**

**Thursday, June, 7, 2007; Herkimer County  
Community College; 100 Reservoir Road  
Herkimer, NY. Robert McLaughlin College  
Center. 8:30 am ~ 3:30 pm. Registration  
begins at 8:00 am. Workshop Is Free.  
Bring Your Own Brown Bag Lunch (Limited  
Cafeteria Service)**

### UDL ALTERNATIVES

"A concept or philosophy for designing and  
delivering products and services that are usable  
by people with the widest possible range of  
functional capabilities. . . . includes products and  
services that are directly usable (without  
requiring assistive technologies) and . . . that  
are made usable with assistive technologies.

- AT Act of 1998, P.L. 105-394, S. 2432

**The Best "How-To" Book in Decades:** Will Richardson, Contributing Editor of *The Pulse* has written [Blogs, Wikis, Podcasts, and Other Powerful Web Tools for Classrooms](#) which may be the best "how-to" book written for computer-using educators.

<http://www.teachingeverystudent.blogspot.com>

<http://bookbuilder.cast.org/>

**Positive Thinking Beats a Cold:** People with positive emotional style (PES) generally show greater resistance to developing colds than do individuals who have more negative emotions. A study conducted at Carnegie Mellon University and reported in the November/December issue of *Psychosomatic Medicine* concludes that PES frequently defends against colds. Researchers suspect that positive emotions stimulate enhanced regulation of an infection-fighting substance, interleukin-6. Source: [www.psychosomaticmedicine.org/cgi/content/abstract/68/6/809](http://www.psychosomaticmedicine.org/cgi/content/abstract/68/6/809)

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#### ADMINISTRATION ALTERNATIVES:

September, *District Administration Magazine* launched [The Pulse: Education's Place for Debate](#) offering provocative articles by leading education thinkers and authors.

#### CONSULTING ALTERNATIVES:

<http://www.copyscape.com/> will allow you to see if anyone is copying material on your website.

#### DEPARTMENT NEWS:

##### High School Trends:

- High school dropouts are four times as likely to be unemployed as college graduates

Dropouts are two and a half times as likely to be arrested as high school graduates

Only half of the students who enter 9th grade will enroll in college

the level of math taken in high school strongly correlates with college completion.

Only 14% of high school students who do not meet a rigorous standard of academic preparedness will graduate from college.

Source:

[www.techprepswohio.org/documents/BridgespancollegeaccessOctober2006.pdf](http://www.techprepswohio.org/documents/BridgespancollegeaccessOctober2006.pdf)

#### FUN ALTERNATIVES:

<http://www.clippingdale.com/accessibility/hawking/status.html>

#### LITERACY ALTERNATIVES:

<http://www.internet4classrooms.com>

#### MATH ALTERNATIVES:

[www.rainforestmaths.com](http://www.rainforestmaths.com)

#### NEW DEVELOPMENTS:

##### A Foot Ahead of the Rest

The Proprio Foot™, the world's first intelligent foot prosthetic based on artificial intelligence and the latest in biomechanical research, is the closest to the real thing to date. The motion analysis information of the artificial foot is processed by a specialized form of artificial intelligence called Terrain Logic™ that rebuilds the sense of position or awareness in the body or space (proprioception) lost after an amputation. The prosthetic also has a muscle-mimicking motor. Sensors in the ankle sample movement more than 1,000 times a second to determine walking speed and transmit the data to an attached computer. That signals a piston to move the foot to match the other foot's pace.

Source: <http://bionics.ossur.com/pages/312>

## TEACHING ALTERNATIVES:

<http://www.constructivistconsortium.org>

## TRAINING ALTERNATIVES:

### Training Modules from the Building the Legacy Training Curriculum on IDEA

2004 Source: NICHCY - March 30, 2007

The National Dissemination Center for Children with Disabilities (NICHCY) recently announced the first four training modules from its Building the Legacy Training Curriculum on IDEA 2004. Each module includes a PowerPoint presentation to use in training sessions, discussions of IDEA for trainers, and handouts for audience participants. They are available at <http://www.nichcy.org/training/contents.asp>

**Also from NICHCY:** a newly launched publication series, Evidence for Education. The series will be exploring a range of relevant evidence-based educational practices. The first in the series is attached to this email and is called *The Power of Strategy Instruction*. Strategy instruction is a powerful student-centered approach to teaching that is backed by years of quality research. Inside the issue, there is a brief overview of the foundations of strategy instruction, followed by a number of well-researched examples of strategy instruction in practice. *The Power of Strategy Instruction* is available on NICHCY's Web site at:

[http://research.nichcy.org/NICHCY\\_EE\\_Strategy.pdf](http://research.nichcy.org/NICHCY_EE_Strategy.pdf)

## VENDOR WEBSITES AND NEWS:

<http://trecenter.org/vendors.htm>

## VENDOR NEWS:

. <http://www.Axistive.com>. They run an assistive technology news website that might be interesting for you. Check out the new AT Bundle at: <http://www.cricksoft.com/us/accessibility/bundle.asp>

## Dear Friends and Colleagues:

This biweekly, free email newsletter provides resources to people interested in the use of technology as a tool to help all students. If you have information to share that would be of value to members of our learning community, including job notices, please write and let us know. We'll be happy to share it here or at our web site. Contact, reprint, and subscription information is at the end of this document.

Thank you for your interest in the TRE Center and our work. We look forward to having you share your wisdom with the people on this list and with those you serve.

Sincerely,  
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## ABOUT ALTERNATIVES:

\*Respond directly to the person posting an item.  
\*To submit questions or items for consideration, send to: [David@TRECenter.org](mailto:David@TRECenter.org) If you know others who would like to receive T.R.E.'s AT Resources, please direct them to: <http://www.trecenter.org/news.htm> for subscription information. To speak to a human about newsletter issues, please contact TRE toll free in NY 800-248-9873.

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"If we teach today like we did yesterday, we rob our children of the future."

~John Dewey