

The Lead



[Photos of the Day: A smartgun that calls for automated backup](#)

December 3, 2014 | by ECN Staff | [Comments](#)

The .9 mm pistol would contain a chip that communicated with the officer's smart phone to send a "yellow" alert when the gun is drawn and a "red" alert when fired. Santa Cruz Sheriff Phil Wowak — whose department is testing the new system ...

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[Gift Guide: Get better at sports with smart gear](#)

December 3, 2014 9:40 am | by RON HARRIS, Associated Press | [Comments](#)

Advances in technology present sports enthusiasts with plenty of options to...

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Published on Electronic Component News (<http://www.ecnmag.com>)

[Gift Guide: Gadgets for avid TV viewers](#)

December 3, 2014 9:28 am | by ANICK JESDANUN, AP Technology Writer | [Comments](#)

For avid television viewers out there, the standard digital-video recorder...

[Army's mobile satellite network enables rapid fire missions](#)

December 3, 2014 8:56 am | by U.S. Army | [Comments](#)

During the latest test of the Army's mobile tactical communications network, Warfighter...

[View Sample](#)

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[Towards a scientific process freed from systemic bias](#)

January 26, 2015 4:38 pm | by EurekAlert! | [Comments](#)
Research on how science works - the science of science - can benefit from studying the digital traces generated during the research process, such as peer-reviewed publications. This type of research is crucial for the future of science and that of scientists....



[How to trick a fitness tracker](#)

January 26, 2015 4:19 pm | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

Fitness trackers are good at tracking steps on a walk, but not so much at tracking how many calories someone burns, said a study begun by the American Council on Exercise. Researcher Caitlin Stackpool and her team from the University of Wisconsin ...

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[Students master math using Kinect for Windows](#)

January 26, 2015 3:55 pm | by EurekAlert! | [Comments](#)

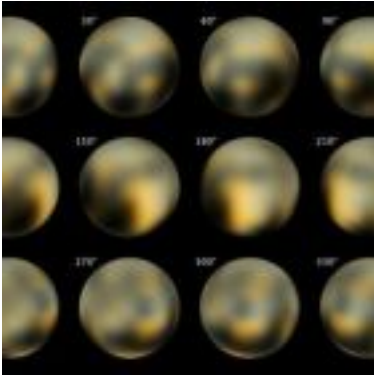
Picture this: a classroom full of 9-year-olds are up and moving around, contorting their bodies and waving their arms. But it's not gym period or even music class getting them moving -- these kids are learning math. That's what a math class should look like....

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[NASA spacecraft almost to Pluto: Smile for the camera!](#)

January 26, 2015 3:50 pm | by MARCIA DUNN, AP Aerospace Writer | [Comments](#)

It's showtime for Pluto. NASA's New Horizons spacecraft has traveled 3 billion miles and is nearing the end of its nine-year journey to Pluto. Sunday, it begins photographing the mysterious, unexplored, icy world once deemed a planet....

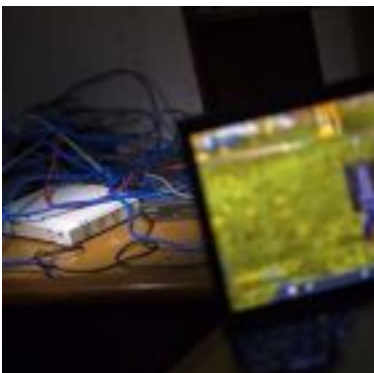
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[Motorola unveils 3 smart phones for return to China](#)

January 26, 2015 3:24 pm | by JOE McDONALD, AP Business Writer | [Comments](#)

Motorola unveiled three smartphone models on Monday for its return to China following a two-year absence from the most populous mobile phone market. Motorola was a mobile phone pioneer in China but pulled out in 2013 after its acquisition....



[Cuban youth build secret computer network despite Wi-Fi ban](#)

January 26, 2015 3:22 pm | by MICHAEL WEISSENSTEIN, Associated Press | [Comments](#)

Cut off from the Internet, young Cubans have quietly linked thousands of computers into a hidden network that stretches miles across Havana, letting them chat with friends, play games and download hit movies in a mini-replica of the online world...



[Man takes responsibility for drone over White House](#)

January 26, 2015 3:18 pm | by JOSH LEDERMAN and JOAN LOWY, Associated Press | [Comments](#)

A small drone flying low to the ground crashed onto the White House grounds before dawn Monday, triggering a major emergency response and raising fresh questions about security at the presidential mansion. A man later came forward to say ...

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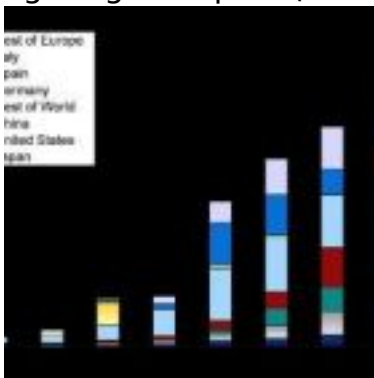
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[A huge advance in semiconducting graphene](#)

January 26, 2015 12:11 pm | by University of Illinois | [Comments](#)
A team of researchers from the University of Illinois at Urbana-Champaign, the University of Pennsylvania, and the University of California, Berkeley has demonstrated a new way to change the amount of electrons that reside in a given region within a piece of graphene, they have a...

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[China takes over lead from Europe in 2013 photovoltaic installations](#)

January 26, 2015 11:36 am | by EurekAlert! | [Comments](#)
A booming photovoltaic market in Asia has propelled China to a global leader in photovoltaic energy installations in 2013, according to the latest edition of the JRC's PV Status Report. The EU has retained its domination in cumulative installed capacity....

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[This neurostimulator makes people cry](#)

January 26, 2015 11:30 am | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

A Stanford University fellow developed implantable neurostimulators to create tears for people who suffer from dry eye. The devices, a little larger than a fingernail, work in pairs. One is inserted into the mucous membrane in the patient's nasal cavity....

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[Brain-wave headset crowdsourced](#)

January 26, 2015 11:15 am | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

British company Flexctrl Ltd. is crowdfunding a headset designed to enable users to control wireless devices with brain activity. The indiegogo campaign, which began on Dec. 23, has raised £741 (\$1,112) out of its £125,000 (\$187,000) goal as of Jan. 27....

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[Is China's TV industry slowing down?](#)

January 26, 2015 11:12 am | by DisplaySearch | [Comments](#)

Recently, two leading local brands announced their TV shipment results in 2014, Skyworth only grew 1% Y/Y in China, 24% Y/Y in overseas market (mainly OEMs); TCL's overall sales volume of LCD TV decreased 3.5% to 16.57 million sets....



[Preparing for the robot uprising](#)

January 26, 2015 10:52 am | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

Could artificial intelligence programs revolutionize human labor laws? Should autonomous weapons be programmed to comply with the Geneva Conventions? A speculative letter released on Thursday, Jan. 16 by Future of Life Institute, a volunteer-run research ...

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[Navy wants to increase use of sonar-emitting buoys](#)

January 26, 2015 9:39 am | by PHUONG LE, Associated Press | [Comments](#)
The U.S. Navy is seeking permits to expand sonar and other training exercises off the Pacific Coast, a proposal raising concerns from animal advocates who say that more sonar-emitting buoys would harm whales and other creatures that live in the water....

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[5 ways drones could affect the American food supply](#)

January 26, 2015 9:35 am | by MARY CLARE JALONICK, Associated Press |

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Published on Electronic Component News (<http://www.ecnmag.com>)

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Herding cattle. Counting fish. Taking an animal's temperature. Applying pesticides. When it comes to drones, "your imagination can go pretty wild in terms of what would be possible," says Roger Johnson, president of the National Farmers Union....

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