

Tektronix Donates Oscilloscope to Beaverton High School

Donation will Help Science Students Test Handheld Heart Monitoring Device, Research Impact of Cell Phones on Living Organisms

PR Newswire

BEAVERTON, Ore.

BEAVERTON, Ore., April 16, 2013 /PRNewswire/ -- Tektronix, Inc., a leading worldwide provider of test, measurement and monitoring instrumentation, today announced that it has donated a [TDS1000B](#) Series oscilloscope to [Beaverton High School](#). The 100 MHz two-channel oscilloscope will be used by science, physics and engineering students to complete a number of advanced research projects and for general lab use.

(Logo: <http://photos.prnewswire.com/prnh/20130103/SF36616LOGO-b>)

"Science research is one of many outreach and extension activities offered by Beaverton high school, and we are very fortunate to have the support of companies like Tektronix in helping to make these programs possible," said Mike Blok, Science Department Chair, Science Research, Chemistry, Beaverton High School. "Every year students do independent research for local science expos. Many of our students then qualify for state science fairs. Beaverton High School is proud to have an International Science and Engineering Fair finalist for three years running."

For the 2013 competition, one student is working with an EKG type device that will record, monitor, and send messages with a handheld portable heart-monitoring device they have constructed. The TDS1000B oscilloscope will be used to assist with signal generation, monitoring electronic distortion and data collection, allowing students to test the device and help with the "tweaking" of normal vs. anomalies in the EKG readouts.

Another group of students will use the oscilloscope to look at the impacts of cell phones on tissue and living organisms while learning about frequencies and potential cell phone irradiation. In addition to research, freshman physics and advanced placement physics courses will incorporate oscilloscope demonstrations into lab and coursework.

"Science and technology education is vital to giving students at all levels the knowledge and skills they need to be successful in an increasingly competitive market," said Dave Farrell, general manager, Mainstream Oscilloscopes, Tektronix. "Through donations such as this to high schools, colleges and universities as well as other community programs, Tektronix is showing its commitment to supporting science education and encouraging students to pursue careers in electronics engineering and other disciplines."

Part of the Beaverton School District, Beaverton High School has an enrollment of 1,582 students and is known as a "school of excellence." The City of Beaverton is a suburban, residential and industrial center located 10 miles west of Portland, Ore.

Wondering what else Tektronix is up to? Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).

About Tektronix

For more than sixty-five years, engineers have turned to [Tektronix](#) for test, measurement and monitoring solutions to solve design challenges, improve productivity and dramatically reduce time to market. Tektronix is a leading supplier of [test equipment](#) for engineers focused on electronic design, manufacturing, and

advanced technology development. Headquartered in Beaverton, Oregon, Tektronix serves customers worldwide and offers award-winning [service](#) and [support](#). Stay on the leading edge at www.tektronix.com.

Tektronix is a registered trademark of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.

SOURCE Tektronix, Inc

<http://news.tektronix.com/2013-04-16-Tektronix-Donates-Oscilloscope-to-Beaverton-High-School>