



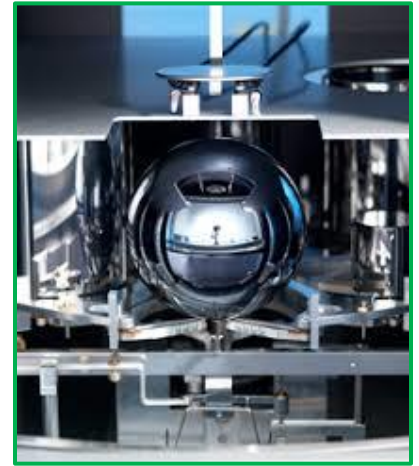
HSU Educational Foundation

Game Changers

February 2018

"In many spheres of human endeavor, from science to business to education to economic policy, good decisions depend on good measurement."

- Ben Bernanke



Math Weighs-In More than You Think!

The HSU Educational Foundation's Game Changers event this month features the science of metrology. What's so important about weights and measures anyway? Can't we just guesstimate and come close? Lead by an engineer from PMI Precision Measurements, Inc, we'll go on site at PMI and explore the world of metrology and calibration to find out just how important precise measurements can be in our everyday lives.

The Game Changers Squad empowers students through experimentation and hands-on interactive learning. This program will be held on the first Saturday of each month and is intended to expose students to innovative technologies - inspiring excitement while encouraging critical thinking and problem solving.

Registration: Hands-on for middle and high school students. Limited to first 15.

Date: February 3, 2018 Time: 2:00-4:00 PM

Location: PMI Testing Laboratory, 658 Lovejoy Avenue, Fort Walton Beach, FL

Web: <http://www.hsu-foundation.org>

Contact: support@hsu-foundation.org to add your name to the list of attendees

Events Details:

Kilometer, picometer – aren't they all just abbreviations for little things? Well, if a 10 year old human averages ~1.4m and a section of human DNA is 1-2nm are they fairly close in size? And if your thermometer is off a degree or two does it really matter? If your football is underinflated in the Super Bowl, does it really give you an advantage? Join us for the February Game Changer field visit to a local business called Precision Measurements Inc. PMI specializes in all types of measurements and calibration. Students and their parents will get to investigate very specialized equipment and find out that math really matters!

This Game Changers meeting will be held at the PMI location in Fort Walton Beach. Due to the sensitivity of the equipment and higher-level nature of the subject matter we will be addressing, this event will be limited to 15 participants and the suggested age is Middle School (10) and up with parent escort. Please wear closed toe shoes and allow younger siblings to skip this one.

Fun facts and links:

The Winter Olympics are almost here! Want to see how measurement relates?

<https://www.nist.gov/pml/weights-and-measures/metric-sports-winter-olympics>

Everyday Estimation – So about how much is that?

<https://www.nist.gov/pml/weights-and-measures/everyday-estimation>

Precision Measurements Inc.

www.pmicals.com