



make learning real™
BUSINESS
EDUCATION
COMPACT

MEDIA CONTACTS
Mary Beth Horton
Business Education Compact
503.646.0242 x33

Sheri Garboden
Flir Systems, Inc.
503.498.3117

FOR IMMEDIATE RELEASE

April 20, 2011

Flir Brings Engineering to Light for Twality Students



“YIKES, we have a wasp’s nest in the attic!” Everyone’s worst nightmare. The location is invisible to the eye, but how to best find and exterminate it (without getting stung!)? Fortunately for Flir engineer Noel Jolivet, the answer was easy: use the thermal imaging properties of one of his infrared video cameras! The wasps create heat when they move around, thus making them “visible” to the infrared “eye”! The exterminator was more than impressed when he visited the Jolivet home and Noel could tell him the exact location of the nest.

As part of National Engineers Month, Noel Jolivet, 30 year veteran of Infrared research and engineering, visited Ms. Birkholz’ 8th grade science class at Twality Middle School, and brought with him some of Flir Systems’ newest and “hottest” products.

The students learned how infrared (IR) light has a wavelength longer than that of visible light, but can be seen by using special sensors. It can enable people to “see” things in the dark or to “feel” temperature differences. The students tried it out firsthand as Noel brought with him infrared binoculars, camera and even a rifle sight.



Noel showed a brief video of a police action, in which they tracked the suspects’ flight through a wooded area and into some houses via a helicopter armed with an IR camera. The heat of the suspects’ bodies gave them away!

When asked how he became interested in engineering, Noel replied “I really like turning ideas into reality and enjoy working with other people, so for me, engineering was a natural fit. Every day is different!”

National Engineers Month (February) is orchestrated by the **Business Education Compact**, a local non-profit organization dedicated to “make learning real” for Oregon and SW Washington students. In its 17th year, the program has enabled more than 325,000 students to have the privilege of interacting with a real engineer in their classroom.

FLIR Systems, Inc. is the global leader in Infrared cameras, night vision and thermal imaging systems. Flir products play pivotal roles in a wide range of industrial, commercial and government activities in more than 60 countries. Pioneers in the commercial infrared camera industry, Flir has been supplying thermography and night vision equipment to science, industry, law enforcement and the military for over 30 years.

###