

# NJ Education Commissioner Visits Corporation Physics at Kearny High

Jeffrey Osowski, assistant education commissioner from the New Jersey Department of Education, visited Kearny High School to see the Corporation Physics class on January 8. Corporation Physics is a science class offered in Kearny High School that uses successful principles and practices from business to make learning Physics ex-

citing, challenging, and fun.

Science teacher John O'Hara developed the process of Corporation Learning four years ago. He bases his new process on the new three R's of education: rigor, relevance, and responsibility. Everyone knows how rigorous physics can be. That in itself is an understatement.

Mr. O'Hara took successful

business skills such as teamwork, collaboration, and active participation and integrated these concepts into the course to make the course more relevant and give his students more responsibility.

Ingrid Kiss, assistant superintendent of the Kearny School district; Frank DiGesere, high school principal; Isabel Bombolewicz, vice principal; and AP Physics

Teacher Vincent Ridley also attended the presentations by the Corporation Physics students.

Amy Weber and her (Total Quality Management) team (Sheryl Olender, Leah Alabanza, and Jenny Gu) began by welcoming Dr. Osowski to Kearny High School and Corporation Physics. After they explained the process

## PHYSICS: *continued from page A1*

of Corporation Physics, the other teams presented a lesson in physics.

Today's topic – circular motion.

Xing Gao and Anita Caamano from the Quality Team presented their Power Point Slides on the theory of circular motion. Antonious Attallah, Allison Roessler, and Xing Gao of the Quan Team presented the formulas used in circular motion problems. Following their presentation, the Technical Team of Steven Lagerstrom, Omar Jakubowski, and Manny Lourenco conducted a lesson on how to use Power Point to make slides and transparencies for presentations.

The information team did such a presentation and conducted a

survey to gather information for the company newsletter, the FINAO Flyer. According to Info Team members Devon Tutak, Francis Pollock, and Vrunda Bhavsar, FINAO is an acronym that means Failure Is Not An Option. This is the philosophy of the class.

Next, the Lab Team of Marcia Pereira, Francis Pollock, and Omar Jakubowski handed out safety glasses for each person in class and, using their Power Point presentation, conducted a lab in circular motion by asking participants to spin objects attached to a string around their head and record data. Following their lab presentation, the Research and Development Team of Agnes

Noga and Joseph Nalbach spoke about the recent polar orbit mission of the Prospector NASA Satellite and explained circular motion in terms of lunar orbits.

Finally, the FINAL Team (Failure Is Not Acceptable Language) presented a test to the class. Team members Jennifer Akunowica, Chris Gozun, and Pritesh Patel concluded the class with a spectacular Power Point presentation about what their team does and how they try to help their classmates achieve good grades.

The entire two period physics class was devoted to "going around in circles." In spite of a few electrical and technical glitches that caused the computer to go

into its "sleep mode," the students in Corporation Physics enlightened and entertained their audience.

At the conclusion of the class, Dr. Osowski told the students that this new process of corporation-style learning is a very successful process and that the students are being very well prepared for the workplace of the 21st century. He remarked that the Corporation Physics process, showcased at the New Jersey Education Summit, on November 20, was the most outstanding program in the summit. Mr. DiGesere concluded the class by congratulating the students and thanking Dr. Osowski for his visit to KHS.