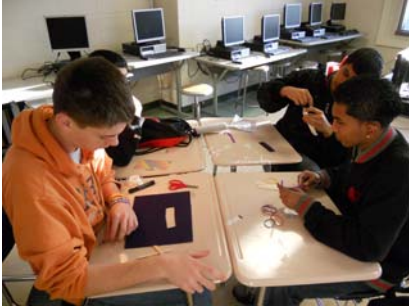


SHS Welcomes RPI Engineering Ambassadors

On Friday, December 2nd, the RPI Engineering Ambassadors visited with the students in the Engineering Principles, IB Design Technology Year and Year II, and the Freshman Physics classes. Our students heard presentations and took part in



“hands-on” activities designed to increase their awareness of engineering as a potential career path. The presentations included the engineering involved in snowboarding, the design of multi-body spacecraft, new developments

in alternative energy, and the future of lighting. In



the snowboarding session, the RPI students gave small presentations and then the SHS students built small snowboard prototypes and tested their performance on a track. During the



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multi-body spacecraft presentation students learned about the remote control of spacecraft. Two



students were blindfolded and had to depend on the instructions of the class in order to “connect” with a hand shake in the classroom. In the future of lighting seminar, students used LED’s, magnets, and batteries to build their own miniature lighting device and saw demonstrations of wireless communications using fiber optics. This was an eye-opening experience for the SHS students as they



were also able to ask questions about the college experience, including academic workload, athletics, and time management. Thank you to the Engineering Ambassadors from RPI for providing this wonderful educational experience for our students!

