

Juan G. Flores, College of Engineering, Graduate Student, Ohio University
William A. Young, College of Engineering, Ph.D. Candidate, Ohio University

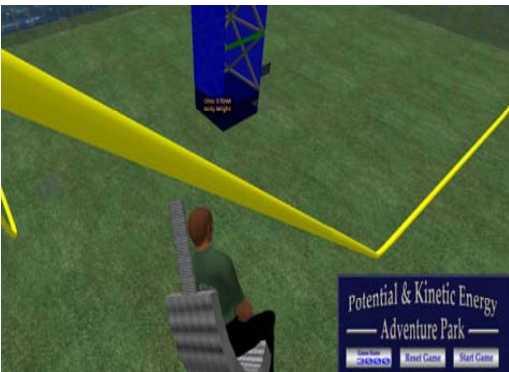


Figure 1: Energy Park Roller Coaster ride

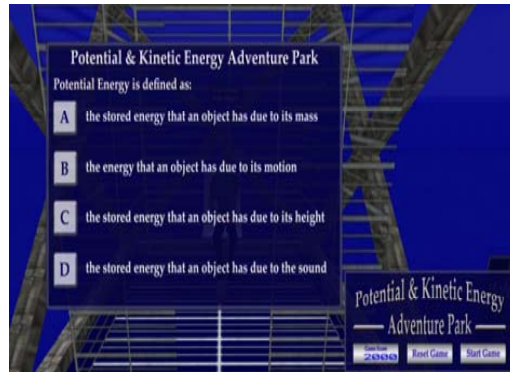


Figure 3: Energy concepts are covered



Figure 5: Instructions displayed before starting the game

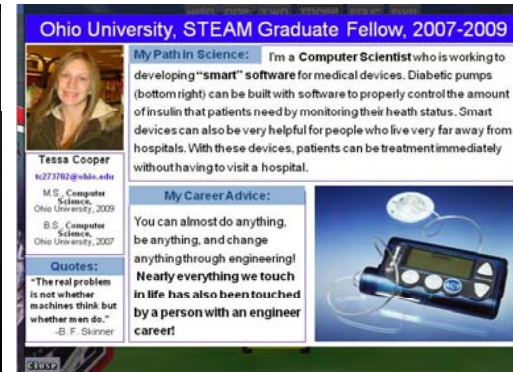


Figure 7: Biographies expose students to science careers

- Energy Park features 3 amusement park type rides
- Teaches the kinetic and potential energy concepts
- Covers how an object can have kinetic/potential energy and how the energy can be transferred

- Career Exploration features 5 main courses
- Exposes students to different path in the science field
- Covers how science-technology are interconnected and how these can influence our quality of life



Figure 2: Energy Park Pirate Ship ride

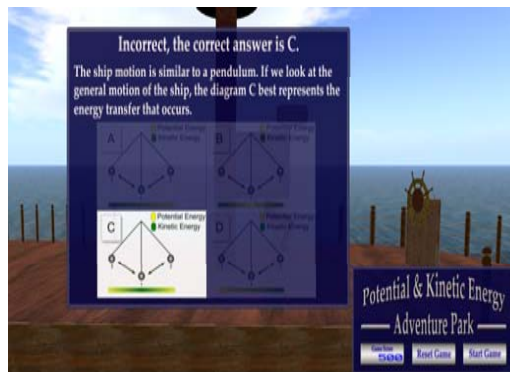


Figure 4: Instant feedback for wrong answers



Figure 6: Virtual gallery after the completion of course



Figure 8: Motivating students to read more biographies