



West Tualatin View Elementary

2007-2008

Engineering for Girls: \$9,980

Sponsor – Intel

Traditionally girls have been underrepresented as a group in math and science careers. Engineering for Girls is designed to encourage girls to develop positive attitudes towards science by providing positive role modeling and enriching hands-on experiences. Using a variety of resources such as programmable Legos, guest speakers, cooperative learning activities, field trips and videos, girls will explore science concepts in an interactive hands-on approach. Based on their learning of engineering concepts students will create a series of educational podcasting videos. View the movie chronicling this program at: www.beaverton.k12.or.us/west_tv/Sites/technology/Engineering_for_Girls.html

2006-2007

Cup Stacking: \$528

Cup Stacking is a new and innovative sport that is catching on across the nation. Students stack and “downstack” twelve specifically designed plastic cups in a pre-determined sequence while being timed. Cup stacking improves hand-eye coordination, reaction time, and bilateral proficiency, which helps students develop the right side of the brain. Stacking also helps train the brain for activities where the use of both hands is important, such as playing a musical instrument, sports and using the computer. Sequencing and patterning elements of cup stacking can improve reading and math skills.

Engineering for Girls: \$7,687

Sponsor -- Intel

Engineering for Girls is a summer program designed to encourage girls in grades 3-5 to develop positive attitudes towards science by providing positive role modeling and enriching hands-on science experiences. Female high school students, who have excelled in science, will be involved as counselors and mentors as they guide the younger students through the exploration of science concepts in an interactive, hands-on approach.



West Tualatin View Elementary, *continued*

Cedar Mill Crossing Homework Club: \$7,500

Sponsor – Comcast Foundation

Funding will be used to continue the current Cedar Mill Crossing Homework Club. The Homework Club enables students in the apartment complex, who attend West TV, to have access to homework help from their teachers. Results from teacher, parent, and student surveys over the past years of the BEF funded program, show consistent improvement in students' attitude to school, focus, work habits, self-confidence, homework completion, classroom participation and academic tasks in the classroom.