

CWSF 2011 - Toronto, Ontario



Jennifer Wilson

The Performance of Structures During Earthquakes

Challenge: Resources

Category: Intermediate

Region: Bay Area

City: Ancaster, ON

School: Ancaster H.S.

Abstract: This project examined the qualities that make some brick buildings more earthquake resistant than others. Small-scale models of brick walls were tested with varying amounts of reinforcement and amplitudes of shaking. The results proved that a small amount of reinforcement goes a long way when trying to prevent earthquake damage and that small reinforced brick building walls perform better than taller walls.

Biography

My name is Jennifer Wilson and I am a grade 10 student at Ancaster High School. I enjoy participating in many extra-curricular activities in and out of school and like to spend time with my friends and family. Some of my strengths in extra-curricular activities include running, swimming, water polo and figure skating. Volunteering is also something that I enjoy and I try to incorporate my love for sports with my volunteer work. I also enjoy hobbies such as camping and hiking. I excel in certain subject areas such as science and math and have enjoyed participating in the science fair this year. My future goals for post-secondary education are to major in a course that is science related and continue to maintain my love for sports.

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