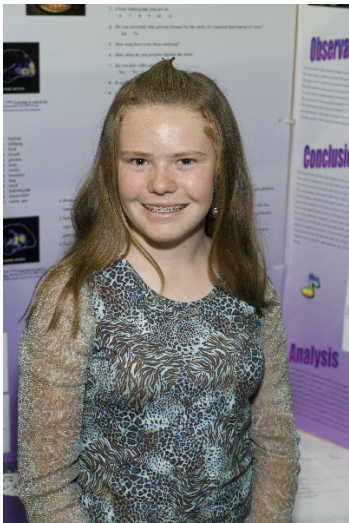


CWSF 2009 - Winnipeg, Manitoba



Rachel Woods

Musical Brain

Division: Life Sciences / None

Category: Junior

Region: Chatham-Kent

City: Chatham, ON

School: John N. Given P.S.

Abstract: This project studied the correlation between musical instruction and memory among elementary and high school students. Participants with and without musical backgrounds, as well as video gamers, were tested using standardized visual, verbal, and patterning memory tests. High school musicians performed the best on all three memory tests, suggesting that playing a musical instrument can improve memory skills.

Biography

Rachel Woods is a grade seven French immersion student at John N. Given Public School in Chatham, Ontario. She enjoys being part of the school choir and in the school productions. Her favourite subjects at school are music, science and math. She is very excited about going to Korea during the summer as an exchange student. She plays travel sports such as ringette and baseball. She enjoys playing the piano and violin. She would love to learn to play the flute. Rachel loves camping in Algonquin Park during the summer and especially enjoys hiking and canoeing.