

# CWSF 2010 - Peterborough, Ontario



## Emmanuelle Bérubé

### Comparing the Efficiency of Paper-Based and Computer-Based Approaches for Memorization

**Division:** Life Sciences

**Category:** Junior

**Region:** Quinte

**City:** Belleville, ON

**School:** Albert College

**Abstract:** This experiment was conducted to determine the efficiency of paper-based and computer-based studying methods. Primary school students were given Hebrew letters to memorize from study sheets, flash cards or a computer chart. Their test results indicate that paper-based approaches are much more efficient than computer-based approaches for short-term memorization.

#### Biography

I spent the first five years of my life in Northern Québec, growing up in a village of 35 people, where my father was a bush pilot and an outfitter. My house was the former school and we were the only children, so my older brother and sister, Louis and Gabrielle, were taught by my mother. After my father passed away, I moved with my family to Ontario. I started going to school there so my brother, my sister and I could learn English. However, I continued speaking French at home and still do. I am a returning participant at the Canada Wide Science Fair. I enjoy horse-back riding, long distance running, writing, the arts and spending time with my family and my cat. When I am older, I want to be either a chef or a journalist.

#### Awards

#### Value

Honourable Mention - Life Sciences - Junior	\$100
Sponsor: Pfizer Canada	
Total	\$100