

## CWSF 2008 - Ottawa, Ontario



### Mitchell Jay-Keating

#### The Best Bounce For Your Buck

**Division:** International

**Category:** Junior

**Region:** Chaleur

**City:** Miramichi, NB

**School:** Harkins Middle School

**Abstract:** This project studied various brands of tennis balls in relation to the specifications set forth by the International Tennis Federation. The diameter, weight and bound height were measured using digital equipment. The "Cooper" brand of tennis ball was most consistent during the performance test and most efficient in cost value. Ironically, the "Cooper" brand is not recognized as being ITF approved.

#### Biography

Mitchell is a grade 7 student presently attending Harkins Middle School in Miramichi, N.B. He expresses a great interest in sports and is an avid fishing hobbyist. Mitchell is currently training at the Bronze Star division of the Lifesaving Society program and a goalie for HMS Boys Junior Varsity Soccer division. In 2007, Mitchell captured "The New Brunswick Historic Places Award", N.B. Regional Heritage Fair recipient and delegation member of Team New Brunswick National Historica Fair, Lethbridge, Alberta. He also received the Principal's Merit Award for Academic Excellence 2007. Mitchell was awarded first place for Physics and Mathematical Science-Junior division and Grand Prize Winner of the Chaleur Regional Science Fair 2008. Mitchell hopes to continue to do well in his studies and is focusing on a career in the field of medicine or marine biology.