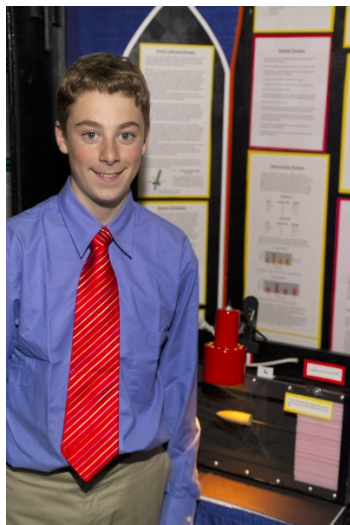


CWSF 2005 - Vancouver, British Columbia



Thomas Boag

Lift Off

Division: Engineering & Computing Sciences

Category: Junior

Region: Frontenac, Lennox & Addington

City: Perth Road, ON

School: Loughborough Public School

Abstract: I built a wind tunnel to measure the drag of four different rocket nose cone designs and predicted which rocket would go the highest at sub-sonic speeds. Test firings of the model rockets on a frozen lake showed the Parabola design outperformed the Vee, Ogive and Blunt, in that order.

Awards	Value
CAP Physics Prize - Junior Sponsor: Canadian Association of Physicists	\$250
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$700
Total	\$2 450