

# CWSF 2013 - Lethbridge, Alberta



## Hull of a Good Design

**Challenge:** Energy

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** This boat hull project tested 4 hypotheses that included: 1) bow angle, 2) point angle, 3) shapes and 4) variable payloads. If the angle of the bow is decreased (less brick-like), the angle of the point angle is increased, the hull is more curved, and the payload is lighter then the boat will have a lower resistance force when moving through water.

Awards	Value
Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100