

## CWSF 2010 - Peterborough, Ontario



### Devin Campbell, Sebastian Sutter

#### How to Build a Robot

**Division:** Life Sciences

**Category:** Intermediate

**Region:** Vancouver Island

**City:** Victoria, BC

**School:** Esquimalt Community School

**Abstract:** We built a First Tech Challenge robot to compete in tournaments. Using remote control, our robot had to collect, store, and shoot balls into three different height goals. We would need to design and build our robot using only Tetrix parts and optional amounts of aluminum, plastics, and PVC piping. We could use Tetrix DC motors, Tetrix servo motors, and LEGO servo motors.

#### Biographies

Devin - My name is Devin Campbell. This is my first year at the CWSF, and I have only participated in the RSF once before. My hobbies include outdoor sports and robotics. Such as rock climbing, wilderness camping, and i am planning to take Scuba Diving lessons. I am also on a team that participates in the world wide FTC challenge. In this my team will build robots that can compete in a yearly challenge that they organize. When I am not doing any of these things, I spend my time with the 89 Pacific Air Cadet Squadron. Currently I am a the only Tenor Saxophone player in their band and I also am one of their drill team members. This summer, I am enrole...

Sebastian - Hi, I' m Sebastian Sutter, I live in Victoria and I' m 15 years old. My other interests besides working on the robot are photography (sold a picture at an art show), cruising the streets on my longboard, cycling and, in the winter, snowboarding.

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