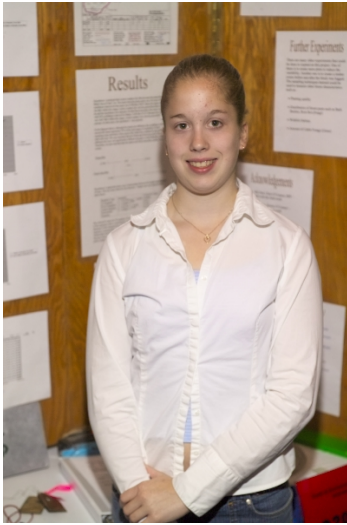


## CWSF 2005 - Vancouver, British Columbia



### Sarah O'Connor

#### **Cruising: From Plot to Plot**

**Division:** Earth & Environmental Sciences

**Category:** Intermediate

**Region:** Cariboo Mainline

**City:** Lytton, BC

**School:** Ashcroft Secondary

**Abstract:** This project uses standard forest measurement techniques to determine if pre-harvest silviculture objectives were met and if a mathematical relationship exists between the height and diameter of trees. The results of this experiment found that the prescribed basal area of 16m<sup>2</sup>/ha was met. and the Ln function describes the best relationship between height and diameter of trees.