



## CWSF 2005 - Vancouver, British Columbia



## **Carly Proudfoot, Fern Leavens**

Fluoride: Friend or Foe

Division: Health SciencesCategory: IntermediateRegion: East Kootenay

City: Grasmere, BC, Jaffray, BC

School: Jaffray Elementary Junior Secondary School

Abstract: The effects of fluoride on the body were investigated. Topically applied

fluoride of varying concentrations on eggshells and bovine teeth showed discoloration, weakness, and minimal differences between fluoridated and

controlled variables in acid application. This indicates little fluoride

protection. When tested on Daphnia magna, fluoride produced an LC50 of

0.0035%.



