

## CWSF 2013 - Lethbridge, Alberta



### **Copper Stopper: The Antibacterial Police**

**Challenge:** Health

**Category:** Intermediate

**Region:**

**City:** ,

**School:**

**Abstract:** In this experiment, C11000 copper plating was applied to stainless steel push doors and handicap push plates to test the antibacterial efficacy of copper. Eighty stainless steel and copper surfaces were sampled for bacteria using a standardized protocol. Results of the experiment showed that there was sufficient statistical evidence to support the claim that copper reduces the number of bacteria colonies on touch surfaces.