

## CWSF 2011 - Toronto, Ontario



### Kyle Potts

#### Corn Stalk Coffee Cups

**Challenge:** Resources

**Category:** Intermediate

**Region:** Simcoe County

**City:** Barrie, ON

**School:** Eastview S.S.

**Abstract:** This project created a biodegradable coffee cup out of cornstalk. It investigated three methods of making cornstalk cups (injection, pressing and using a mold and deckle). It studied a biodegradable plastic used to line and seal the cups. It also tested the biodegradability of the cornstalk paper.

#### Biography

Kyle Potts is a 14-year-old student in grade 9. He enjoys playing hockey, baseball, and basketball. He likes to swim, play guitar and french horn and does karate. He is inquisitive and fascinated by science and technology. He is involved in choir and drama at his school. One day he hopes to pursue a career in science or computers.

#### Awards

#### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Total	\$1 300